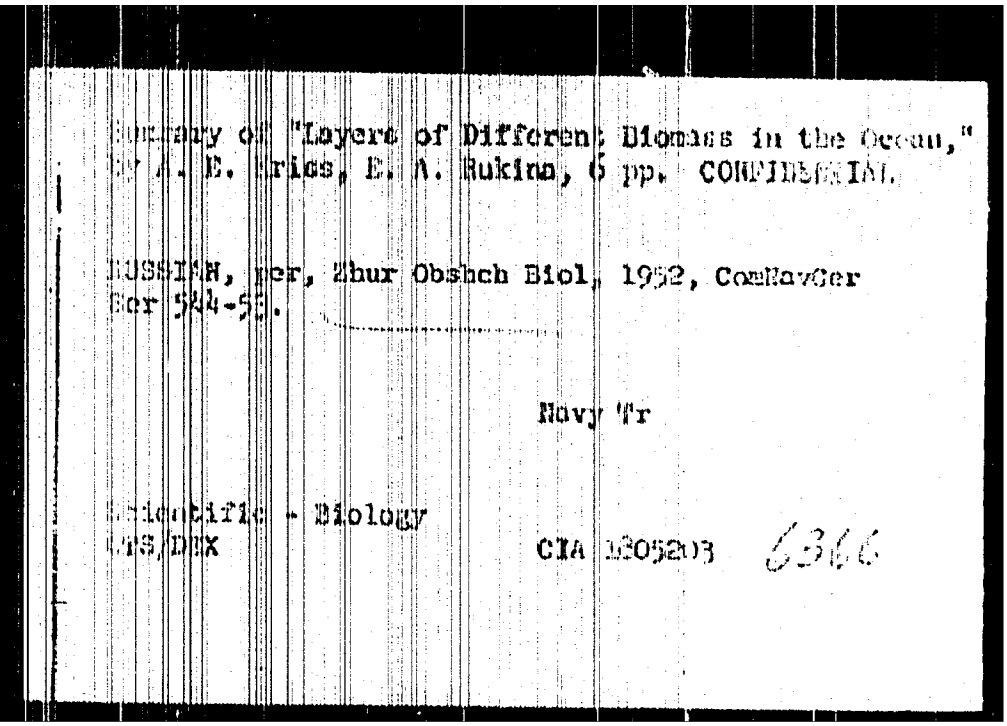
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



Summary of "Layers of Different Biomass in the Ocean," by A. E. Vries, E. A. Rukina, 6 pp. CONFIDENTIAL.

RUSSIAN, per, Zhur Obshch Biol, 1952, ConNavGer Ser 544-55.

Navy Tr

Scientific - Biology
ONS/DNX

CIA 1205203 6366

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

A Criticism of the Application of the KM Theory of Tropism to Studies of the Behaviour of Fish, by S. G. Zusser.

RUSSIAN, per. Zhur Obshch Biol Vol XIV, No 2, 1953, pp 131-139.

FOL

Sci

Jan 64

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

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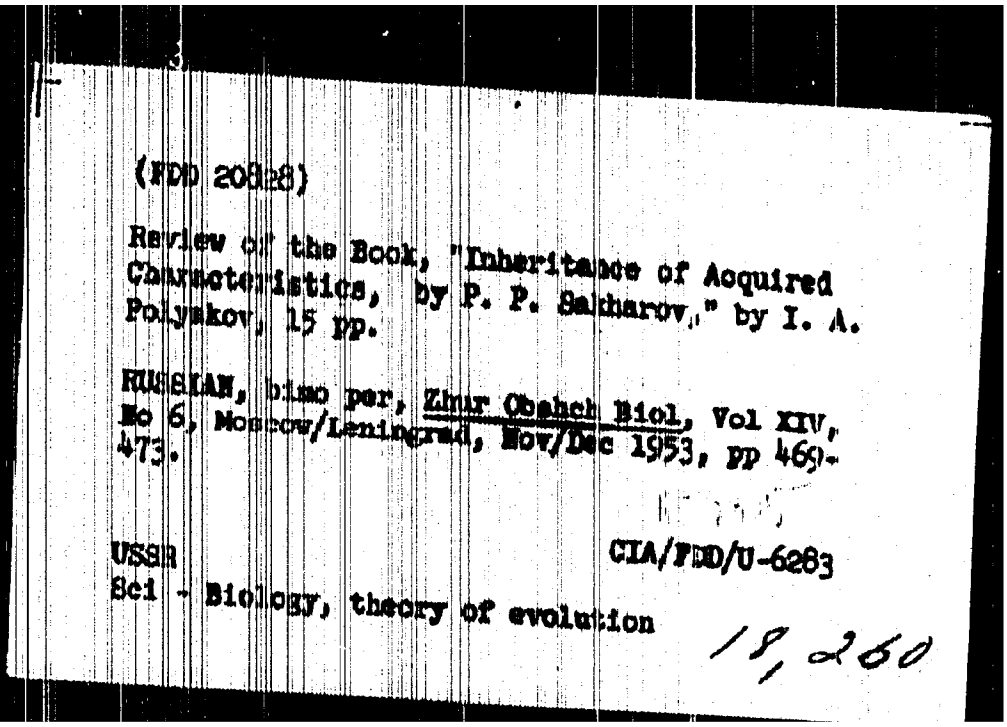


(FDD 20828)

Review of the Book, "Inheritance of Acquired Characteristics, by P. P. Saltharov," by I. A. Polyakov, 15 pp.

RUSSIAN, b-lio per, Zhur Obshch Biol, Vol XIV, No 6, Moscow/Leningrad, Nov/Dec 1953, pp 469-473.

CIA/FDD/U-6283

USSR
Sci - Biology, theory of evolution

18,260

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

USE OF INTERFERENCE-SEPARATOR MIRRORS IN FLUORESCENT MICROSCOPY, BY YE. M. BRUMBERG, T. N. KRYLOVA, 8 PP.

RUSSIAN, PER, ZH. OBSHCHEY BIOLOGII, VOL XIV, NO 6, 1953, PP 461-464.

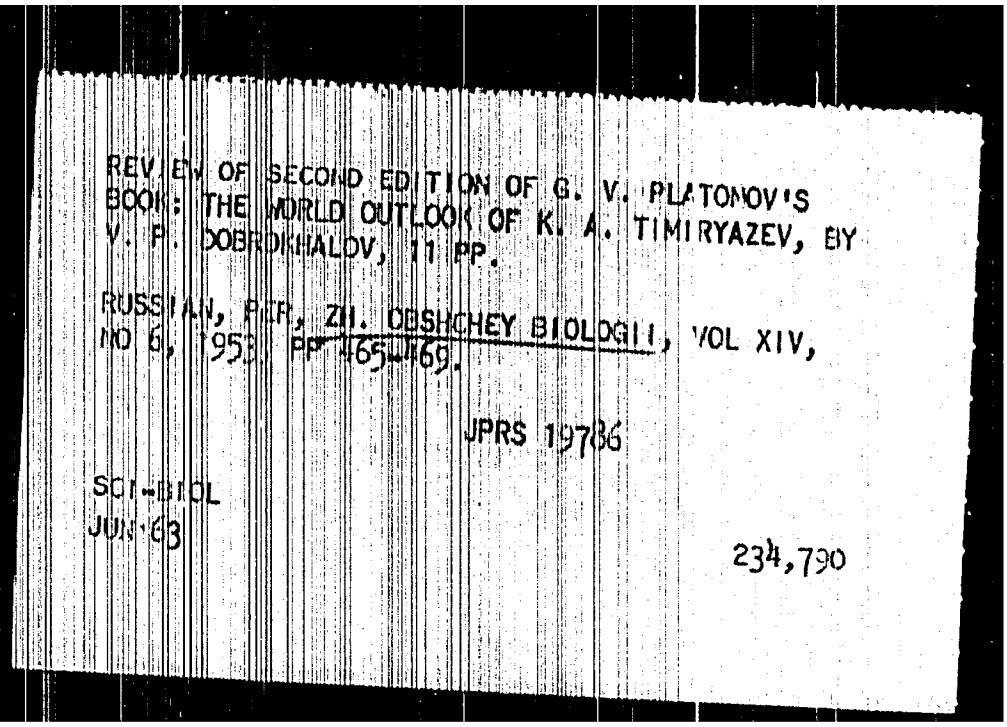
JPRS 19766

SCI-MED BIOL
JUN 63

234,789

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



REVIEW OF SECOND EDITION OF G. V. PLATONOV'S BOOK: THE WORLD OUTLOOK OF K. A. TIMIRYAZEV, BY V. P. DOBROKHALOV, 11 PP.

RUSSIAN, P'R, ZH. OBSHCHEY BIOLOGII, VOL XIV, NO 6, 1953. PP 465-469.

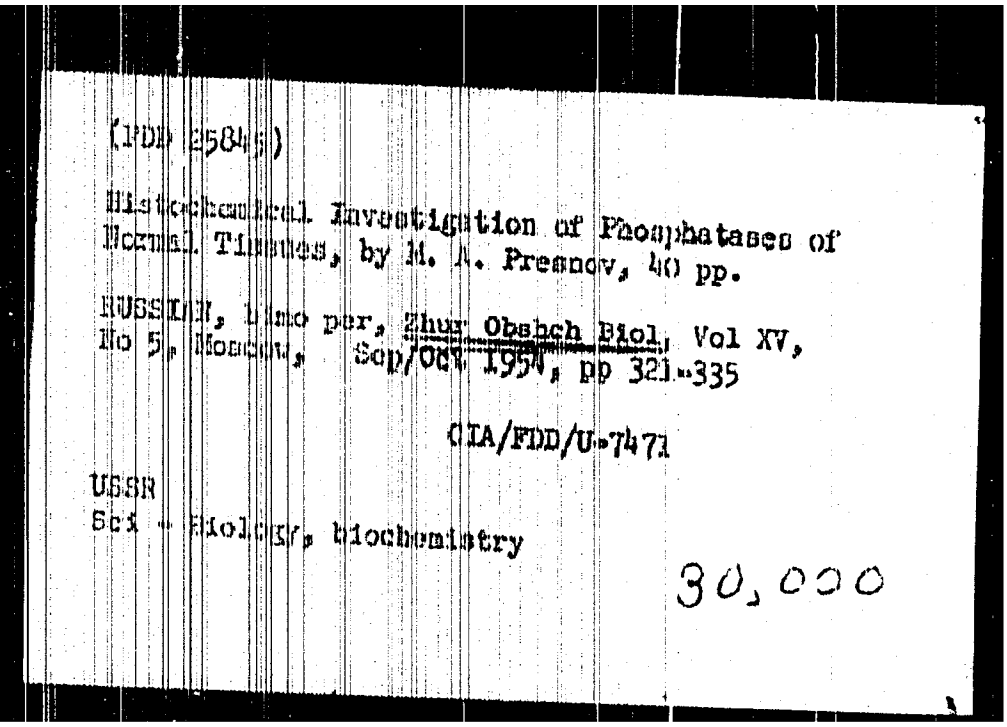
JPRS 19786

SCI-BIOL
JUN 63

234,790

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



(FDD 2584 S)

Histochemical Investigation of Phosphatases of Normal Tissues, by M. A. Premnov, 40 pp.

RUSSIAN, Ukrno per, Zhur Obshch Biol, Vol XV, No 5, Moscow, Sep/Oct 1954, pp 321-335

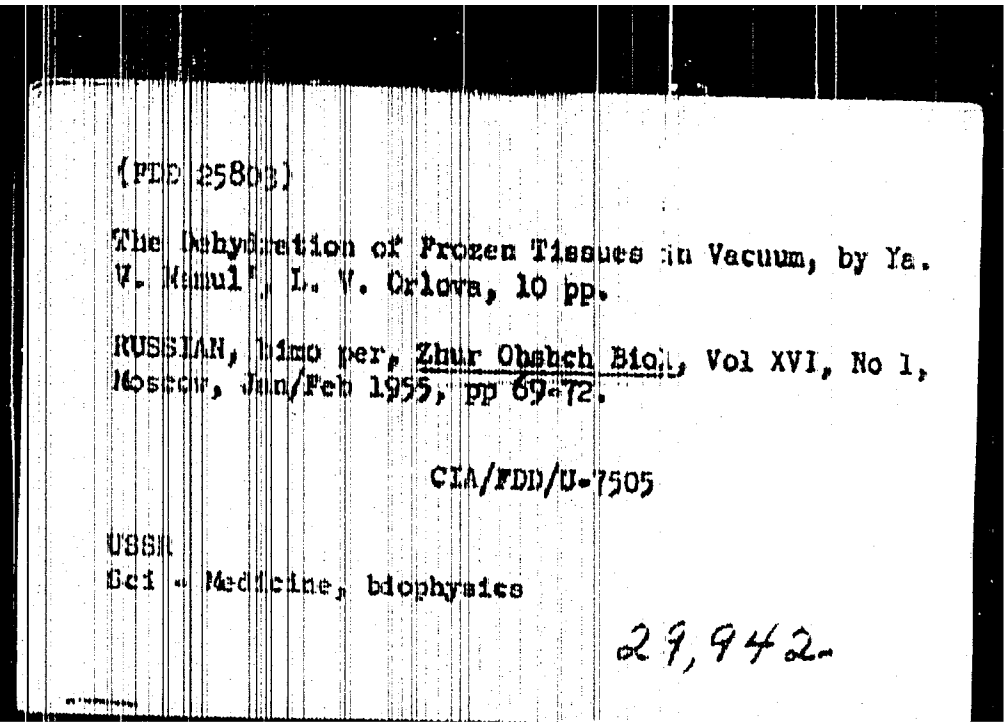
CIA/FDD/U-7471

USSR
Sci - Biology, biochemistry

30,000

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



(FDD 25803)

The Dehydration of Frozen Tissues in Vacuum, by Ya. V. Kamul', I. V. Orlova, 10 pp.

RUSSIAN, Trimo per, Zhur Obshch Biol, Vol XVI, No 1, Moscow, Jan/Feb 1955, pp 69-72.

CIA/FDD/U-7505

USSR
Sci - Medicine, biophysics

27,942.

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

Rubin, B. A., Chetverikova, E. P., and Artsikhovskaya, E. V.
THE OXIDATION SYSTEM AND PLANT IMMUNITY.
[1962] [40]p. 47 refs.
Order from OTS or SLA $3.60 63-13421

Trans. of Dissertatsii (Uchenie Biologii) (USSR) 1955, v. 16, no. 2, p. 10. FTS

DESCRIPTORS: *Oxidation, *Plants (Botany), Diseases, *Immunity, Fungus infections, Microorganisms, Metabolism, Oxidases.

(Agriculture - Plant Cultivation, TT, v. 9, no. 17)

63-13421

I. Rubin, B. A.
II. Chetverikova, E. P.
III. Artsikhovskaya, E. V.
IV. Translations, New York

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

(HY-6528)

Concerning Fluorescent Microscopes, by Ye. M. Brumberg, 26 pp.

RUSSIAN, per, Zhur Obshch Biolog, Vol XVI, No 3, 1955, pp 222-237.

JPRS 9497

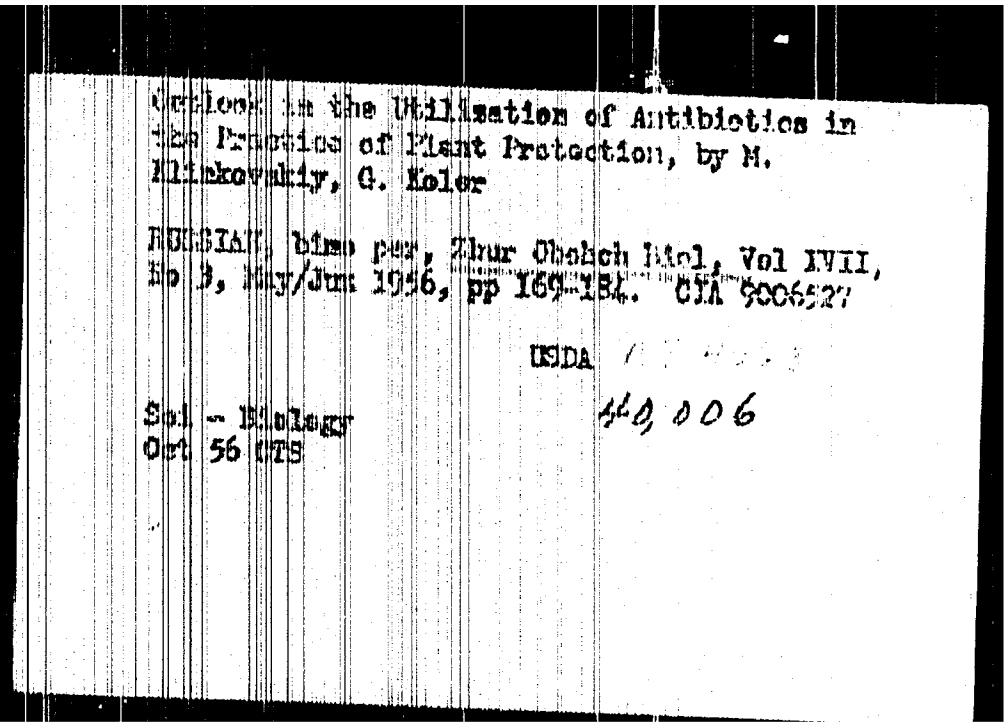
Sci - Biol

160,135--

Jul 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



Problems in the Utilization of Antibiotics in the Practice of Plant Protection, by M. Klinkowskiy, G. Koler

RUSSIAN, Mikr per, Zhur Obshch Biol, Vol XVII, No 3, May/Jun 1956, pp 169-184. CIA 9006527

USDA

40,006

Sol - Biology
Oct 56 OTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

The "Hybridization" Of Inbred Lines in Animal Husbandry, by Kh. F. Kushner.

RUSSIAN, per, Obshch Biol, Vol XVII, No 4, Jul/Aug 1956, pp XX 241-256. CIA D 9008127

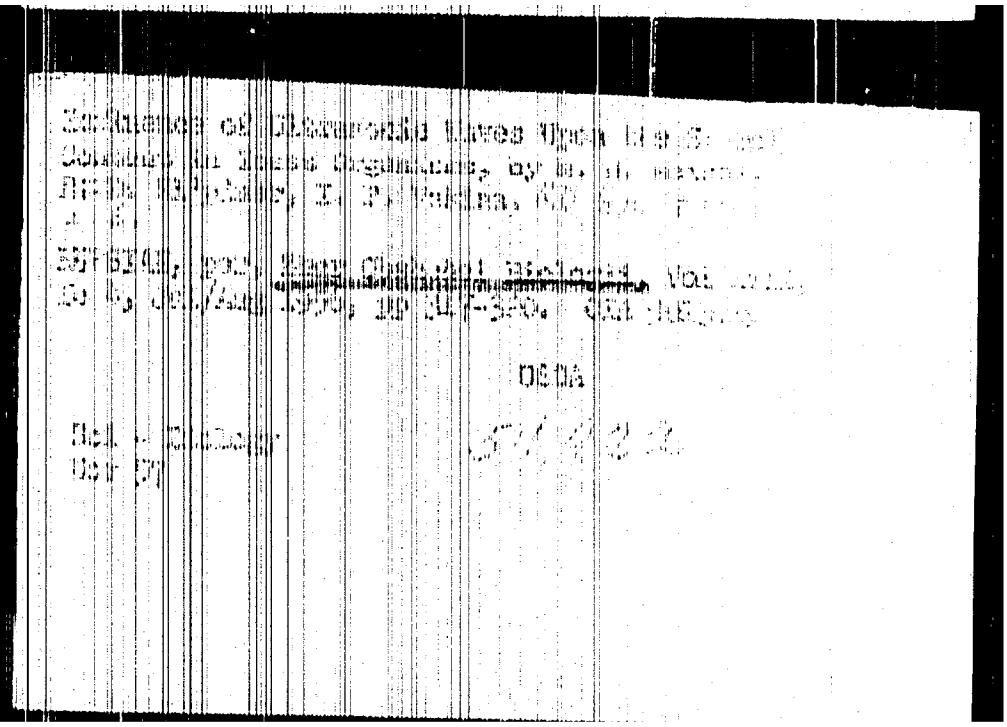
USDA

Bcl - Biology

Mar 57 CIB/dax

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

Myuge, S. G.

THE TROPHIC CHARACTERISTICS OF THE GALL NEMATODE (K Troficheskoi Kharakteristike Galloobrazovatelya Nematody) by D. R. Eddy. [1962] [8]p. (foreign text included) 6 refs. [CSIRO] Trans. 5679. Order from OTS or S.P. $1.10) 62-23718

Trans. of Zhurnal Obshchei Biologii (USSR) 1956, v. 17, no. 5, p. 396-399.

DESCRIPTORS: *Parasitic Infections, *Nematodes, *Meloidogyne, *Plants, Growth, Tissues (Biology).

Plants harboring the gall nematode, Meloidogyna incognata, react to the infection by increasing respiration and by activating respiratory enzymes in the regions of gall formation. The nematode liberates a proteolytic enzyme into the gall and feeds on the products of protein hydrolysis produced thereby. Gall formation is caused by toxic substances produced as a result of the action of the nematode on the plant tissues. These toxins may include certain amino acids.

62-23718

1. Title: Galls (Botany)
I. Myuge, S. G.
II. CSIRO Trans-5679
III. Commonwealth Scientific and Industrial Research Organization (Australia)

(Biological Sciences,

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

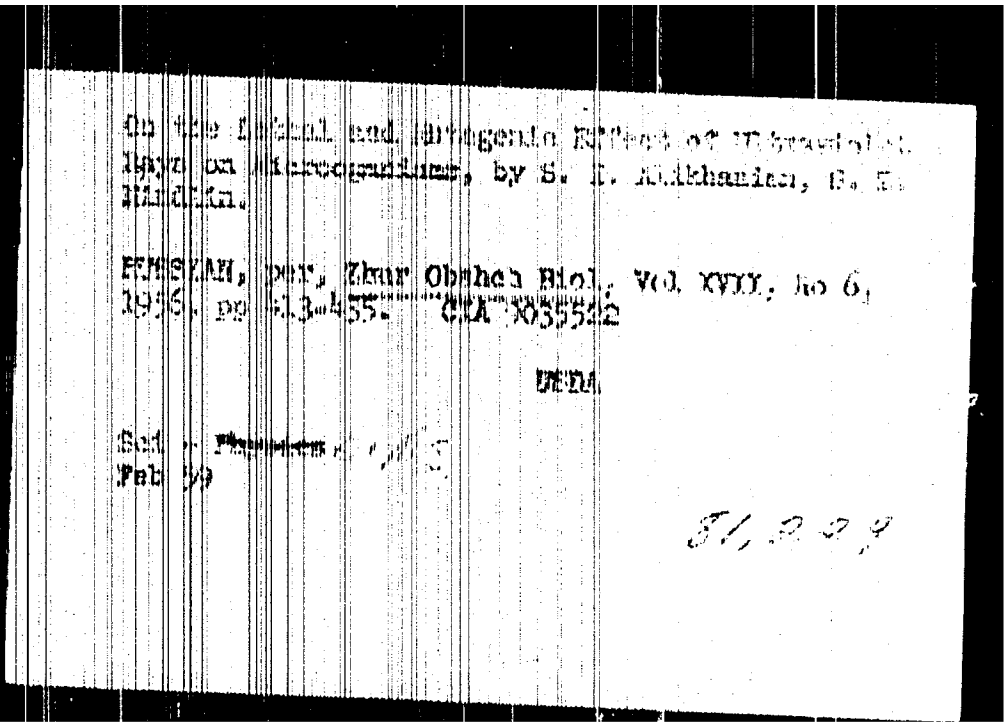
Ultraviolet Flourescence Microscopy, by
Ye. M. Brumberg, 27 pp.
RUSSIAN, per, Zhur Obshchi Biol, Vol, XVII,
No 6, 1956, pp 401-412. 9692751
FTD-TT-63-1178

Sci-Mfgn, B & M Sci
June 64

260,351

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



On the [illegible] and Mutagenic Effect of Triethylene [illegible] on Microorganisms, by S. I. Alikhanian, G. S. Muradian.

FIZIOL. ZH., Zhur Obshch Biol., Vol. XVII, No 6, 1956, pp 813-825. CIA 3035522

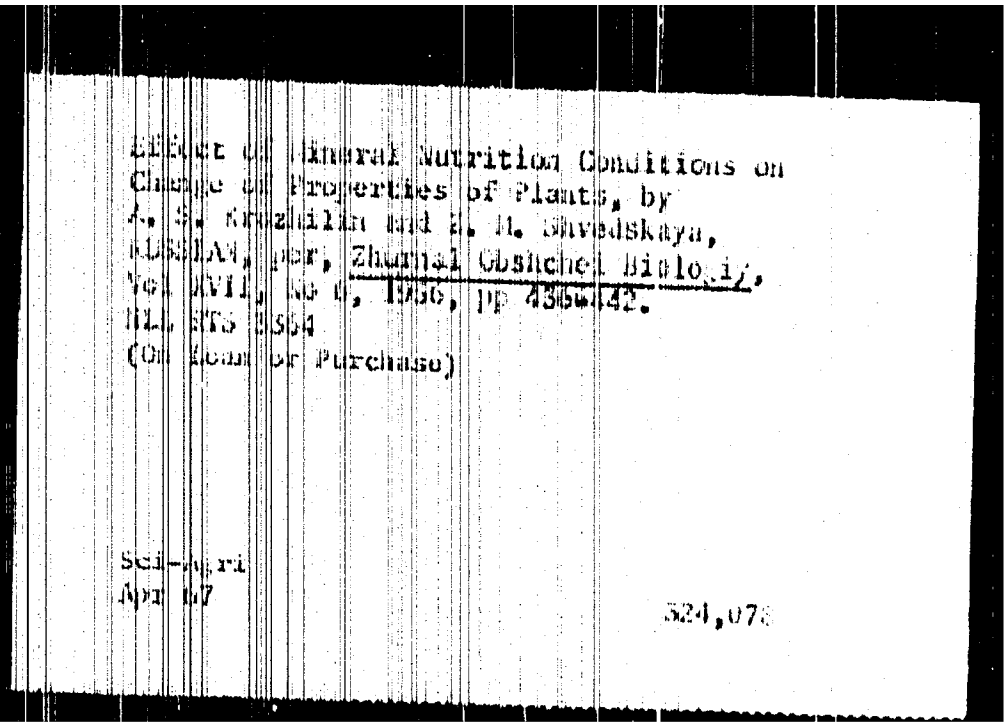
UNCL

Sci - Physics
Feb 59

81,829

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



Effect of Mineral Nutrition Conditions on Change of Properties of Plants, by A. S. Kruzhilin and Z. M. Shvedskaya, USSR/Ag, per, Zhurnal Obshchei Biologii, Vol XVII, No 6, 1956, pp 435-442.
ML, STS 1954
(On Loan or Purchase)

Sci-Agri
Apr 57

524,078

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

CEA-tr-R-1[illegible] Uncl.

FONDEMENTS ET PROBLEMES DE RADIOECOLOGIE.
(Fundamentals and Problems of Radioecology).
A. A. Peredelskii (Peredelsky). Translated
into French by B. Vinogradoff from Zhur.
Obshchei Biol., 18: 17-30(1957). [illegible]p.

Radiobiology; Translations MC-4[illegible]

C-4[illegible] NP NSA Dep.(mc); $[illegible](fs), $1.[illegible]
(mf) SLA or OTS [illegible]

N-3

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

Experiment on the Application of Ultraviolet Florescent Microscopy to Biological Objects, by Ye. M. Brumberg.
RUSSIAN, per. Zh Obshchey Biol, Vol 19, No 2, 1958, pp 99-107.
NLL Ref: 90.24.912 (1122)

Sci/BAM
Dec 65

398,262

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

8--AgSO (NY-2863)

On the Formation of Toxic Agents During Radiation Sterilization, by M. N. Shal'nova, 6 pp.

RUSSIAN, per, Zhur Obshch Biol, Vol XIX, No 3, May/Jun 1958, pp 234-237.

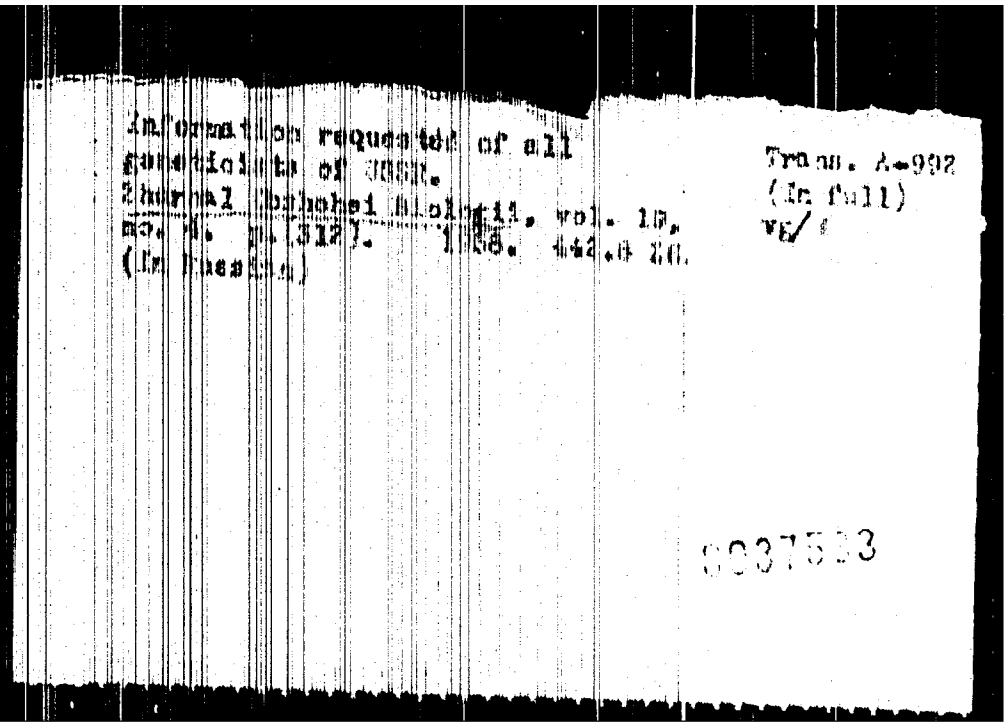
JPRS 1413-N

Sci - Bio
Apr 59

85, 369

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

Transmission of Excitation by Electric Current in Plants,
by Low Chen-huo, 10 pp.
RUSSIAN, Per. Zhur Obshch Biol, Vol XIX, No 5, 1958, pp 329-337.

OTS 63-11035
PL-480

Sci - Biol & Med Sci
Mar 64

250,903

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

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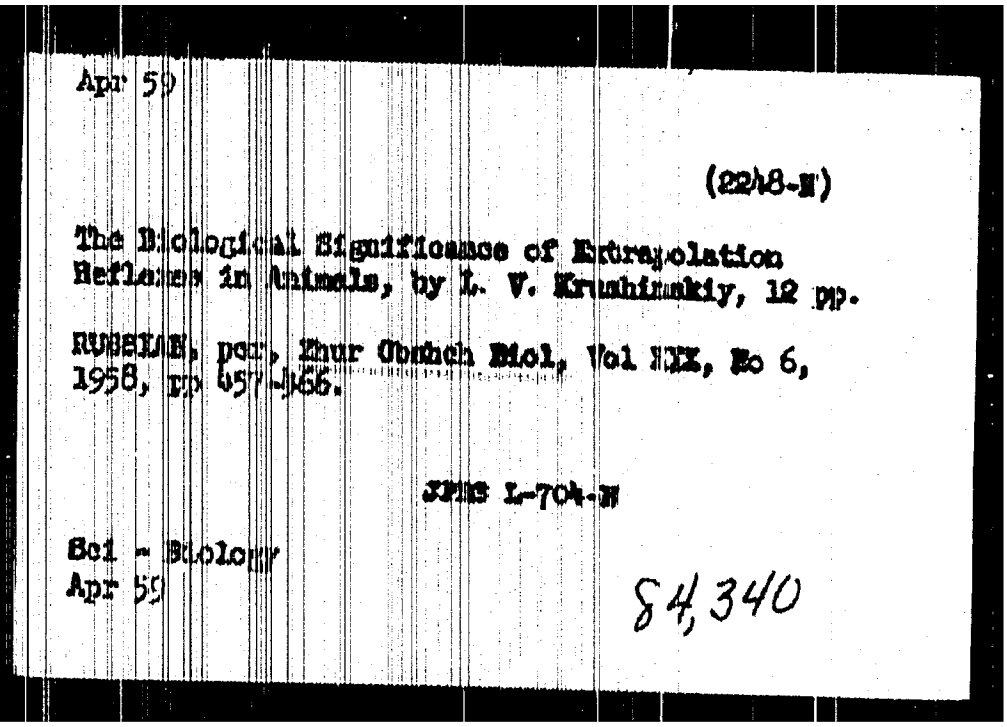

Apr 59

(2248-N)

The Biological Significance of Extrapolation Reflexes in Animals, by L. V. Krushinskiy, 12 pp.

RUSSIAN, per: Zhur Obshch Biol, Vol XIX, No 6, 1958, pp 457-466.

JPRS L-704-N

Bol - Biology
Apr 59

84,340

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

An Attempt at an Evaluation of the Evolutionary Significance of the Level of Energy Metabolism, by V. S. Ivlev.

RUSSIAN, per, Zhurnal Obschei Biologii, Vol XX, No 2, 1959.

Library
Fisheries Res Bd of Canada
Biol Stn St. Andrews NB

Sml

Oct 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

Oor Die Vraagstuk Van Die Vroegbyligs Bepaling Van Die Helkleveringsvermoe Van Beeste, by G. W Tsapenko, 8 pp.

RUSSIAN to GERMAN, per, Zhur Obshch Biolog, Vol XX, No 2, 1959.

CSIR 145

Sci - Biol

Nov 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

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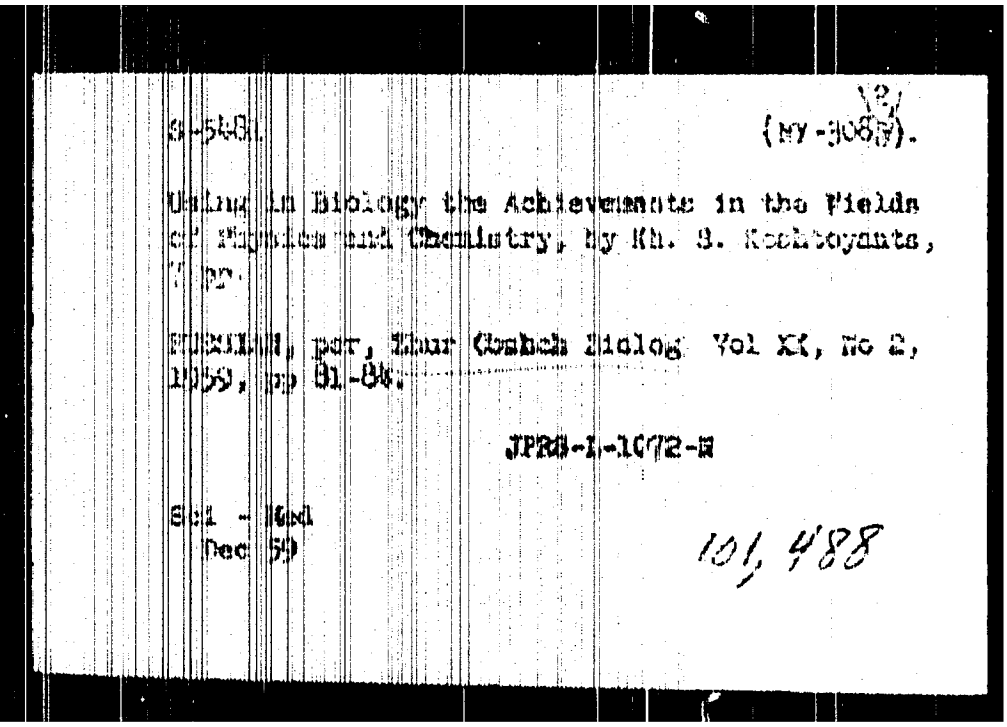


(NY-3087).

Using In Biology the Achievements in the Fields of Physics and Chemistry, by Kh. S. Kosichoyants, 7 pp.

Fortschr. Biol, per, Ihur Combch Biolog Vol XI, No 2, 1959, pp 91-94.

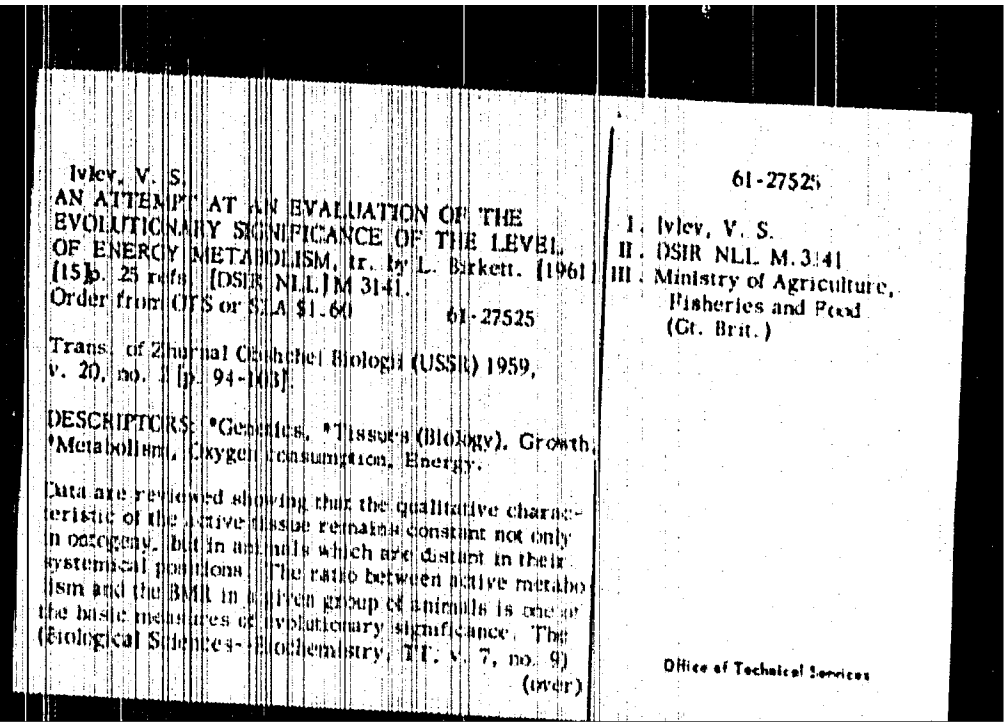
JPRS-1-1072-N

Sci - Med
Dec 59

101, 488

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



Ivlev, V. S.
AN ATTEMPT AT AN EVALUATION OF THE EVOLUTIONARY SIGNIFICANCE OF THE LEVEL OF ENERGY METABOLISM. Tr. by L. Birkett. [1961] [15]p. 25 refs. [DSIR NLL] M 3141.
Order from OTS or S/LA $1.60 61-27525

Trans. of Zhurnal Obshchei Biologii (USSR) 1959, v. 20, no. 1 [p. 94-103].

DESCRIPTORS: *Genetics, *Tissues (Biology), Growth, *Metabolism, Oxygen consumption, Energy.

Data are reviewed showing that the qualitative characteristic of the active tissue remains constant not only in ontogeny, but in animals which are distant in their systemical positions. The ratio between active metabolism and the BMR in [illegible] group of animals is one of the basic measures of evolutionary significance. The (Biological Sciences--Biochemistry, TT, v. 7, no. 9)
(over)

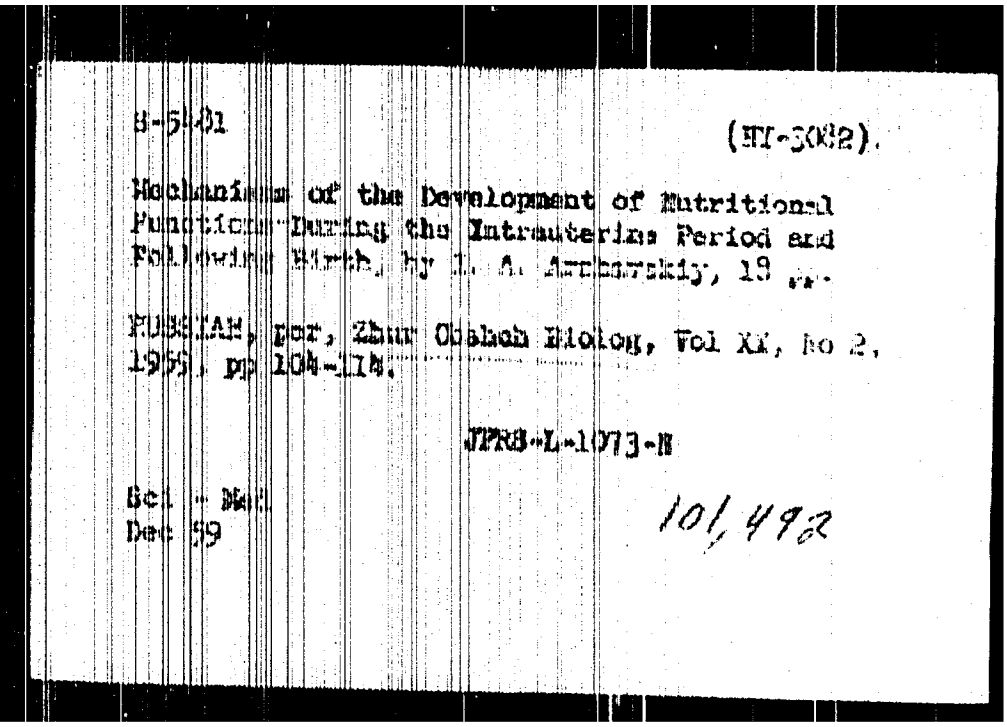
61-27525

I. Ivlev, V. S.
II. DSIR NLL M.3141
III. Ministry of Agriculture, Fisheries and Food (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



S-5401 (FI-3082).

Mechanism of the Development of Nutritional Function During the Intrauterine Period and Following Birth, by I. A. Arshavskiy, 19 pp.

PUBLISH, Zur. Zhur Obshch Biolog, Vol XX, No 2, 1959, pp 104-114.

JPRS-L-1073-N

Bel - Mar
Dec 59

101,492

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

On the Local and General Effect of X-Rays on the Bone Marrow of Albino Mice, by N. F. Barakina, 17 pp.

RUSSIAN, per, Zhur Obshch Biol, Vol XX, 1959, pp 230-238.

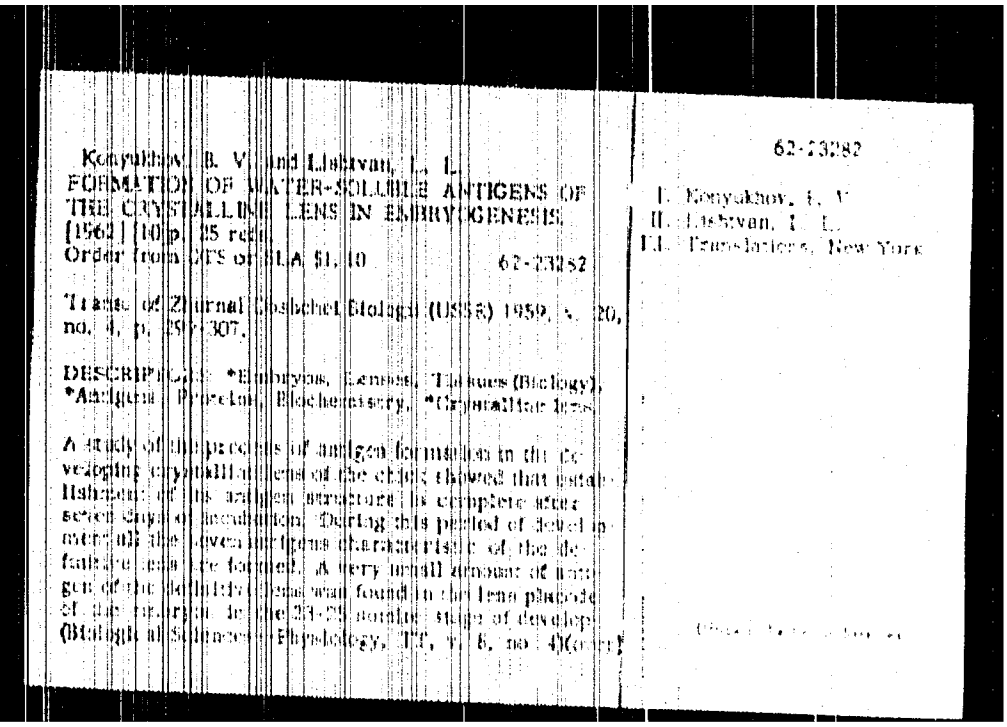
AEC NP Tr-419

Sci - Biol
Sep 60

124,835

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



Konyukhov, B. V. and Liebman, I. L.
FORMATION OF WATER-SOLUBLE ANTIGENS OF THE CRYSTALLINE LENS IN EMBRYOGENESIS.
[1962] 10 p. 25 ref.
Order from OTS or SLA $1.10 62-23282

Trans. of Zhurnal Obshchei Biologii (USSR) 1959, v. 20, no. 4, p. 291-307.

DESCRIPTORS: *Embryos, Lenses, Tissues (Biology), *Antigens, Proteins, Biochemistry, *Crystalline lens.

A study of the process of antigen formation in the developing crystalline lens of the chick showed that establishment of its antigen structure is complete after seven days of incubation. During this period of development all the given antigens characteristic of the definitive lens are formed. A very small amount of antigen of the definitive lens was found in the lens placode of the embryo in the 23-25 somite stage of development. (Biological Sciences - Physiology, TT, v. 8, no. 4)(Contract)

62-23282

I. Konyukhov, B. V.
II. Liebman, I. L.
III. Translations, New York

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

Inter-Relationships Between Organisms and the Part They Play in Evolution, by M. M. Kamshilov.

RUSSIAN, per, Zhur Obshch Biol, Vol XX, No 5, 1959, pp 370-378.

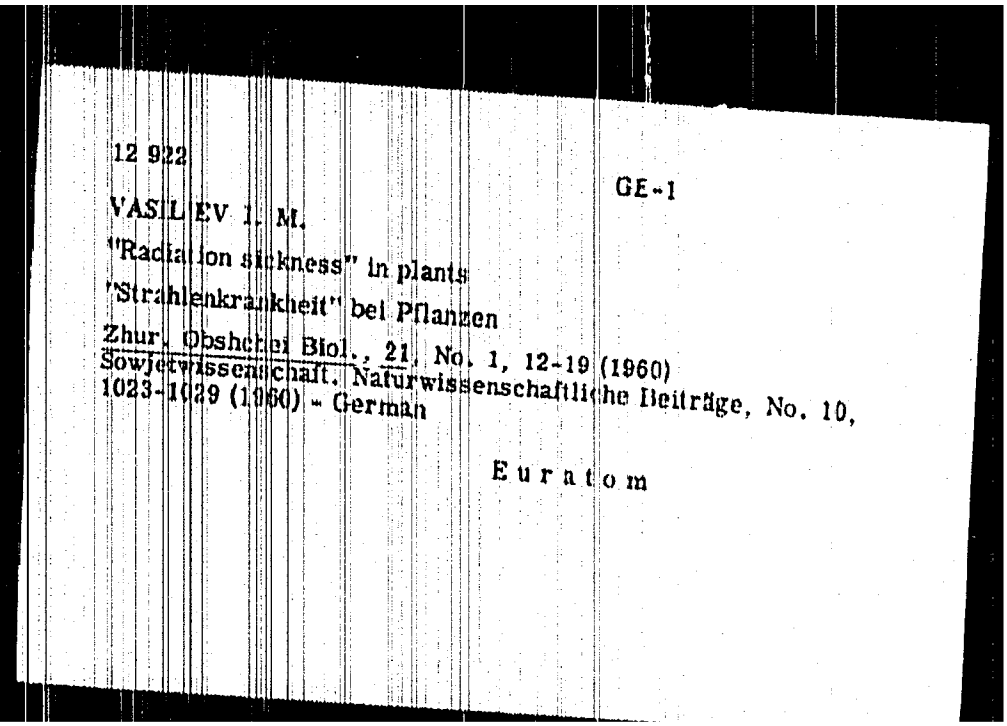
Library
Fisheries Res Bd of Canada
Biol Stn, St. Andrews, NB
171,496

Sci - Biol.

Oct 61.

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



12 922

GE-1

VASILEV I. M.

"Radiation sickness" in plants

"Strahlenkrankheit" bei Pflanzen

Zhur. Obshchei Biol., 21, No. 1, 12-19 (1960)
Sowjetwissenschaft. Naturwissenschaftliche Beiträge, No. 10, 1023-1029 (1960) - German

Euratom

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

12 156 GE-1

OSIPOVSKII A. I.

Development anomalies in the descendants of animals treated by gamma rays

Entwicklungsanomalien bei Nachkommen von Tieren, die mit Gamma-Strahlen behandelt wurden

Zhur. Obshchei Biol., 21, No. 1, 59-63 (1960)
Schweizerische Naturwissenschaftliche Beiträge, No. 8, 876-882 (1960) - German
Abs.: NSA, 14, No. 4, ref. 3431 (1960) - English

E u r a t o m

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

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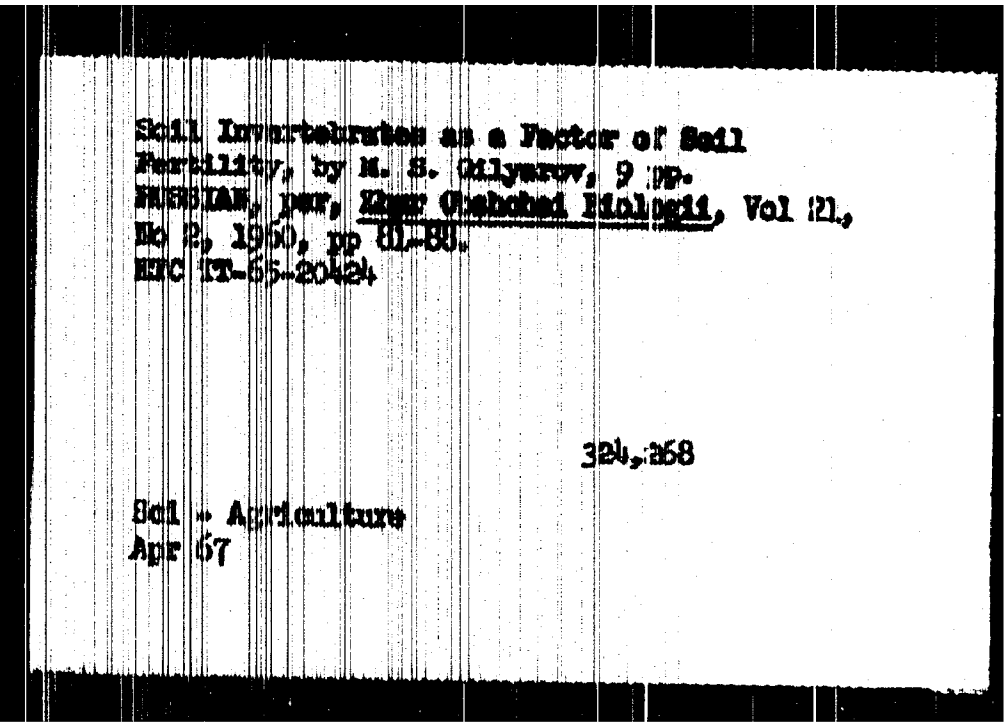


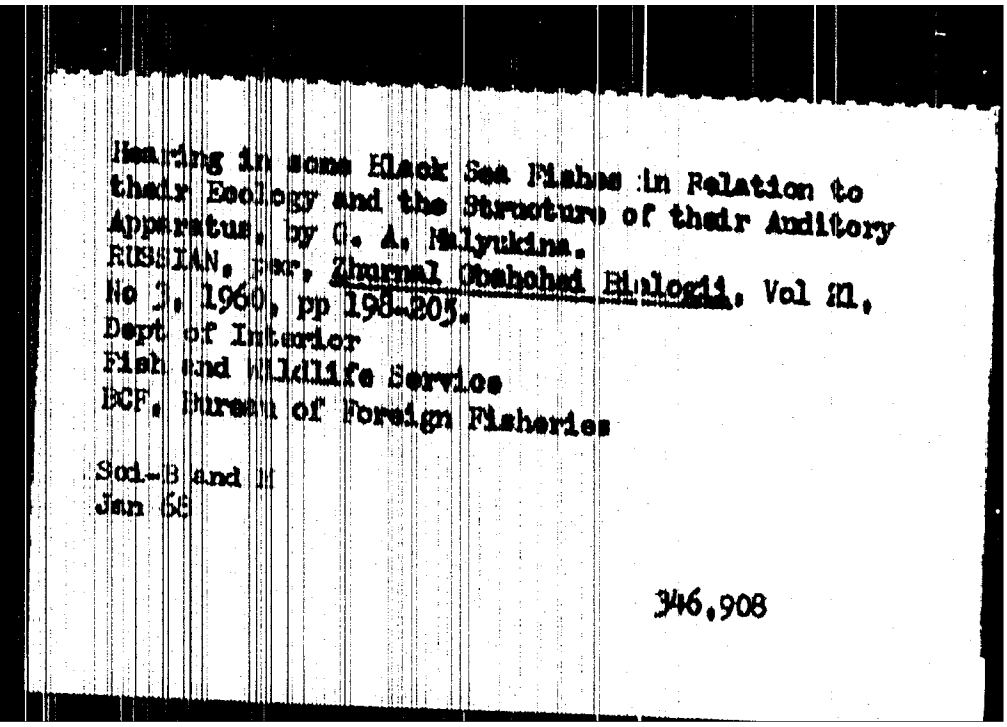
Soil Invertebrates as a Factor of Soil Fertility, by M. S. Gilyarov, 9 pp.
SOVETSKAYA, per, Izvestiya Akademii Nauk SSSR, Vol 21, No 2, 1950, pp 81-88.
EEC IT-55-20424

324.268

Soil - Agriculture
Apr 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



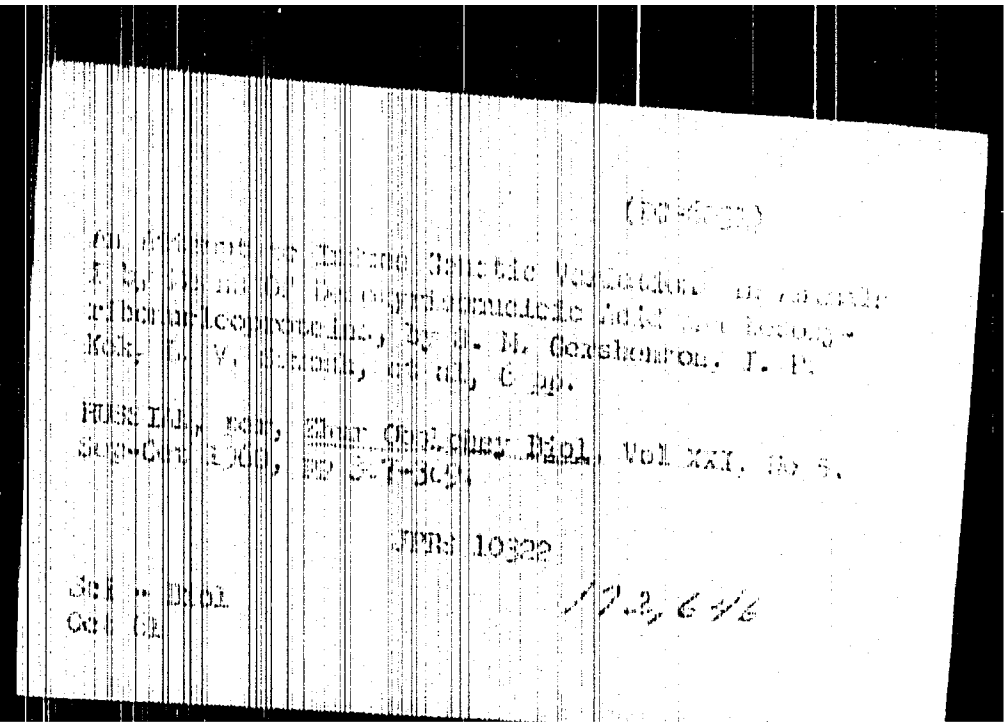
Hearing in some Black Sea Fishes in Relation to
their Ecology and the Structure of their Auditory
Apparatus, by G. A. Malyukina.
RUSSIAN. Per, Zhurnal Obshchei Biologii, Vol 21,
No 3, 1960, pp 198-205.
Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

Sol-B and H
Jan 62

346,908

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



(Russian)

On Methods of Using Selective Vaporization [illegible]

[illegible] Kolb, [illegible] V. Klimuk, et al, 6 pp.

Russian, 1967, Khim Obshch Zhur, Vol XXII, No 5, Sep-Oct 1967, pp 547-549.

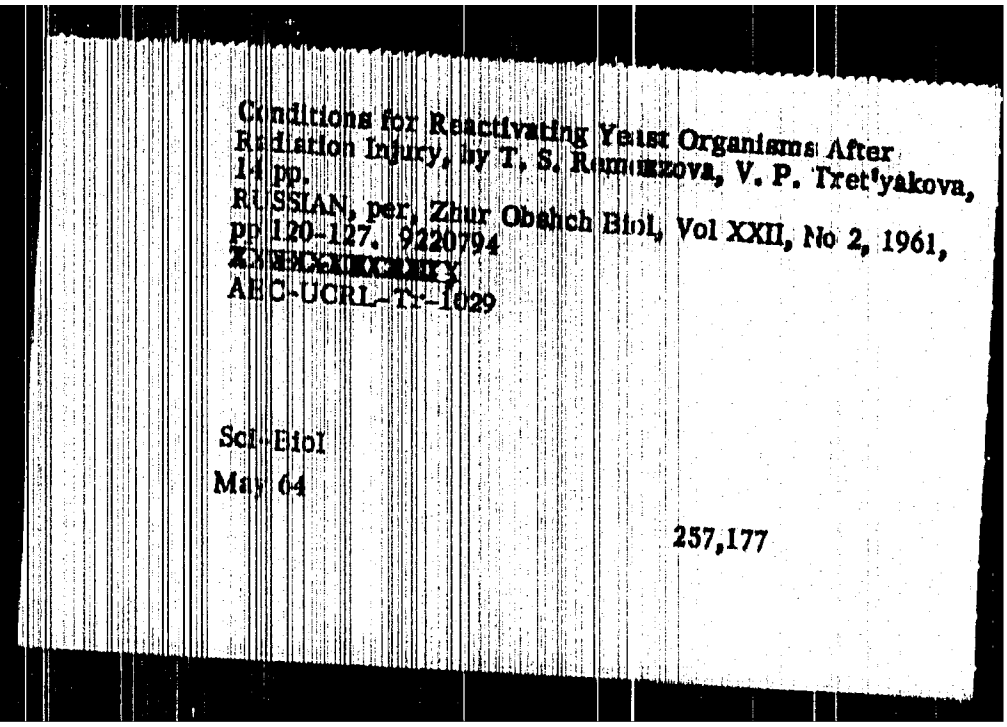
JPRS 40322

Sel - Diol
Cat 07

172.6-76

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



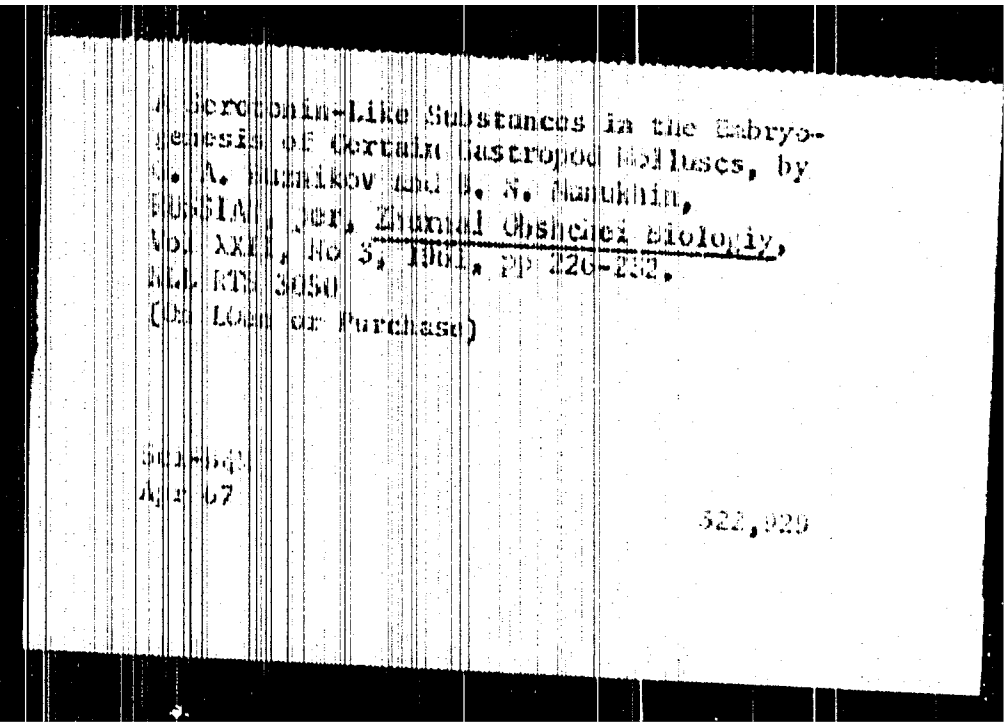
Conditions for Reactivating Yeast Organisms After Radiation Injury, by T. S. Ramazova, V. P. Tret'yakova, 14 pp.
RUSSIAN, per, Zhur Obshch Biol, Vol XXII, No 2, 1961, pp 120-127. 9220794
AEC-UCRL-Tr-1029

Sci-Biol
May 64

257,177

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



Serotonin-Like Substances in the Embryogenesis of Certain Gastropod Molluscs, by
A. A. Nikitov and N. N. Nanukhin,
RUSSIAN, Zhurnal Obshchei Biologii,
Vol. XXII, No 5, 1961, pp 326-332.
JPRS 30850
(Off Loan or Purchase)

322,020

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

On the Formation of Benthal Fauna in Artificial Reservoirs and on Some Problems of the Evolutionary Theory Correlated With This Process, by O. I. Gavrilov.

RUSSIAN, Pr., Zhur Obshch Biol, Vol XXII, No 3, 1961, pp 233-240. 9205796

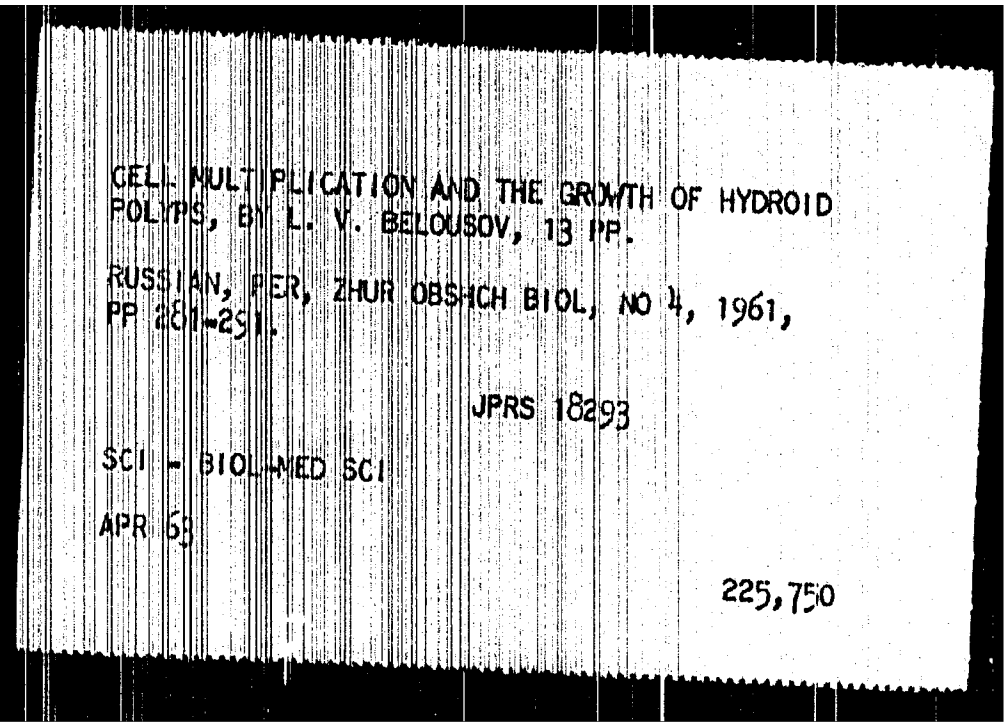
USDA Tr A-1384

Sci - Biol & Med Sci
Jul 63

236,247

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



CELL MULTIPLICATION AND THE GROWTH OF HYDROID POLYPS, BY L. V. BELOUSOV, 13 PP.

RUSSIAN, PER, ZHUR OBSHCH BIOL, NO 4, 1961, PP 281-291.

JPRS 18293

SCI - BIOL-MED SCI

APR 63

225,750

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

Histochemo-Biological Study of the Process of Lens Regeneration in Triton Taeniatus, by O. E. Vyazov, A. V. Sazhina.

RUSSIAN, per, Zhur Obshchey Biol, Vol XXII, No 4, 1961, pp 305-310. 9069212

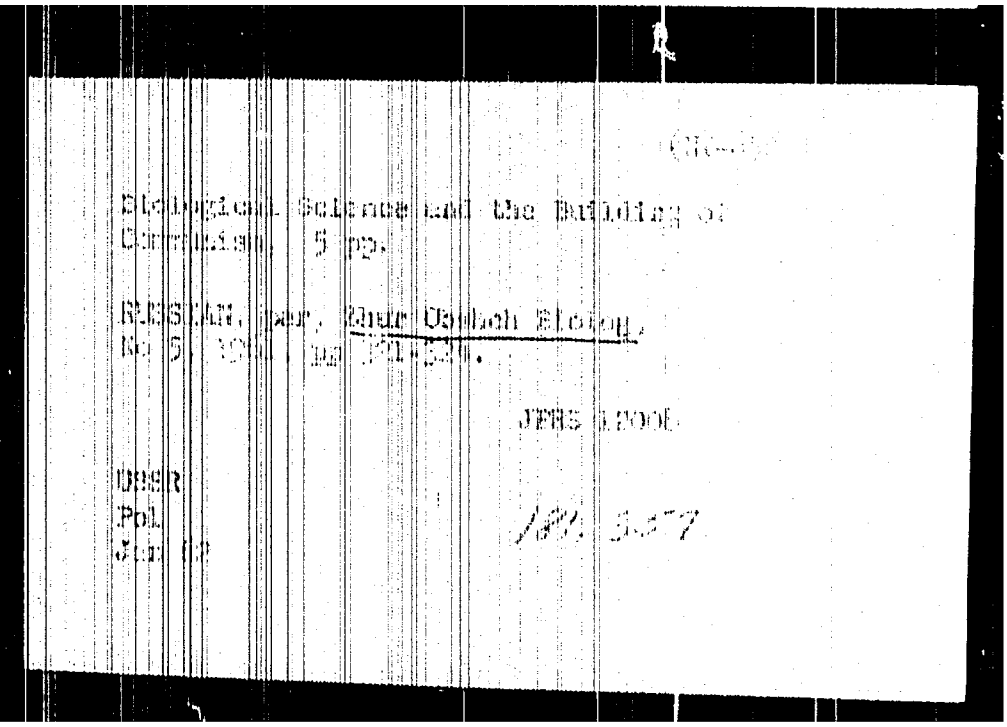
USIM Tr A-1373

217,478

Bel - Biol
4 Dec 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



Biological Science and the Building of
Communism, 5 pp.

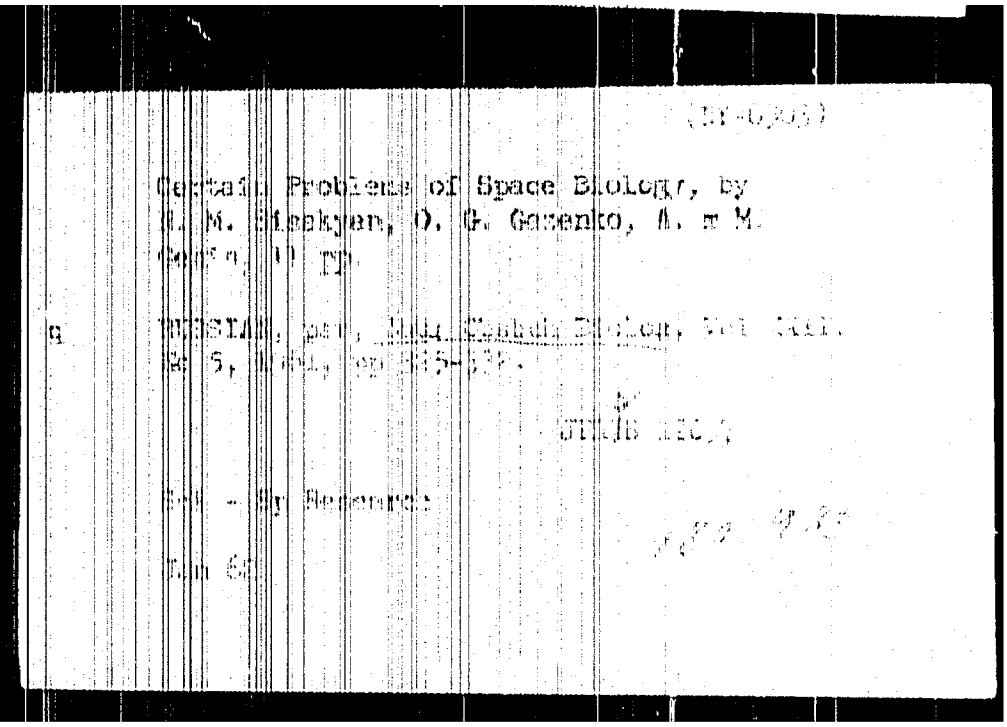
RESTAN, Igor, Jaun Ostash Elotol,
No 5, 1961, pp 124-130.

JPRS 12006

USSR
Pol
Sci

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



(IN-0,203)

Certain Problems of Space Biology, by
K. M. Khokhryan, O. G. Gazenko, A. M.
[illegible] (10 pp)

[illegible], per, Aviat Kosmah Biolog, Vol XXII,
No 5, 1964, pp 315-322.

[illegible]

Eng - Sy Resumes

Tom 65

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

Immuno-Biological Study of the Process of Lens Regeneration in Triton Taeniatus, by O. E. Vyazov, M. V. Sazhina,

RUSSIAN, per, Zhur Obshch Biol, Vol XXII, No 4, 1952, pp 305-310. 906 F2/62

USDA TK 49 - 1323

Sci - Biol
5 Sep 62
List 58

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

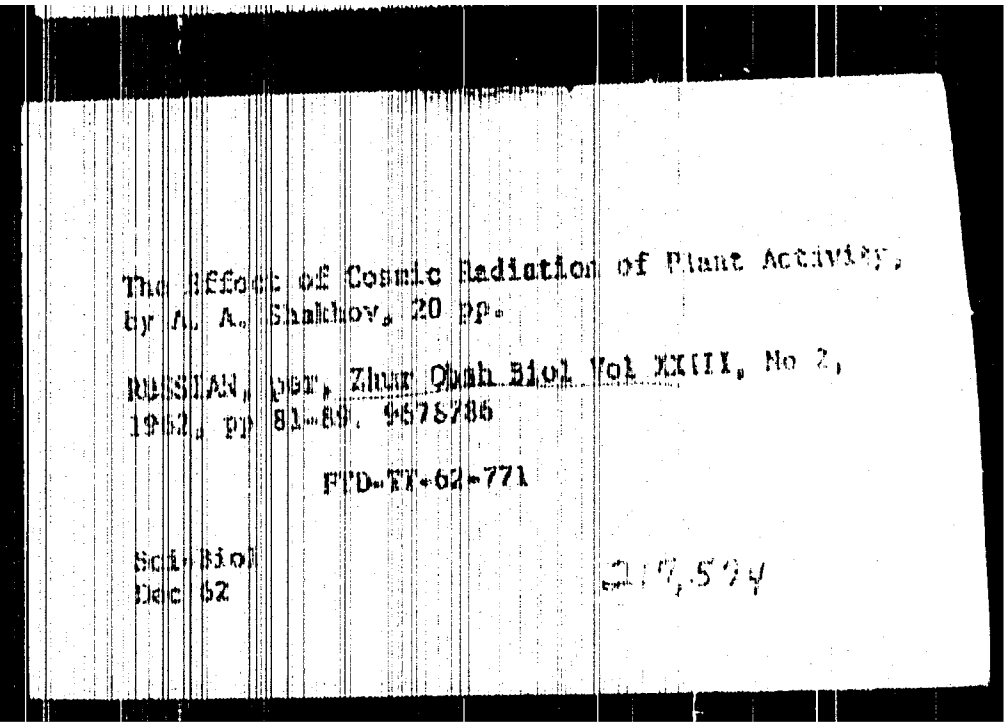
Dependence of the Intensity of Photosynthesis on Temperature Gradient Between the Leaf and the Surrounding Air, by V. S. Shaidurov.
RUSSIAN, per. Zhurnal Obschei Biol., Vol 23, No 2.
RNC/Ref: C-1788

Sci -
Aug 63

334,372

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



The Effect of Cosmic Radiation of Plant Activity,
by A. A. Shaldkov, 20 pp.

RUSSIAN, USSR, Zhur Obsh Biol Vol XXIII, No 2,
1962, pp 81-89. 9578286

FTD-TT-62-771

Sci-Biol
Dec 62

217,524

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

CHARACTERISTICS OF THE AN AQUATIC FAUNA COMPOSITION IN RELATION TO THE SALINITY OF THE MEDIUM, BY V. V. KILEBOVICH, 10 PP.

RUSSIAN, PER, ZHUR OBSHCHEY BIOL, VOL XXIII, NO 2, 1962, PP 90-97.

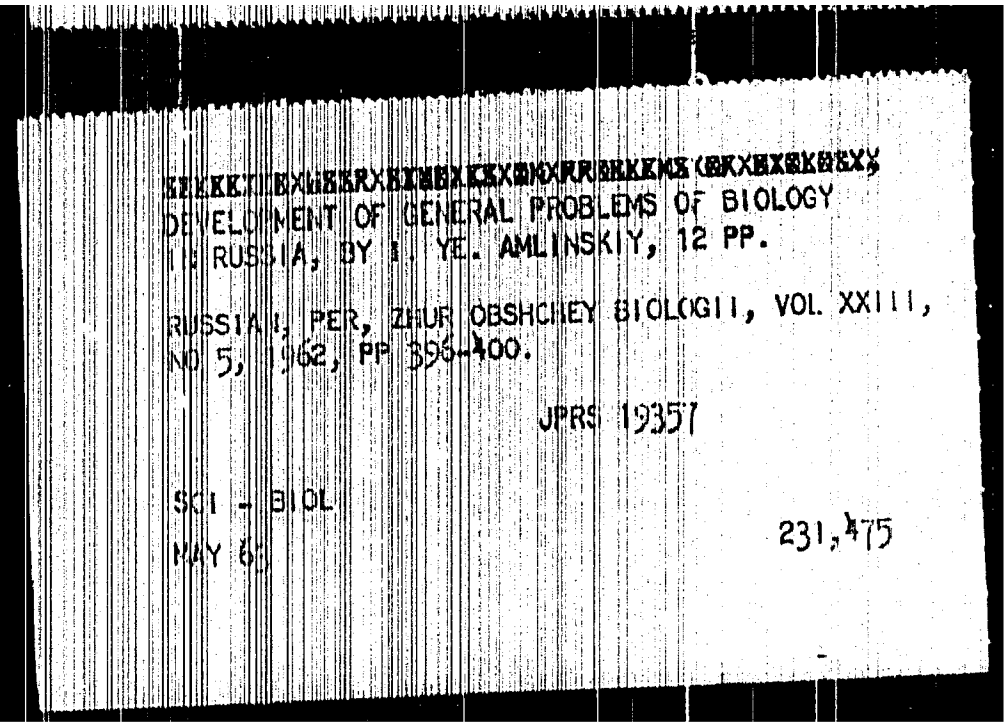
JPRS 20807

SCI - BIOL & MED SCI
AUG 63

342,823

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



DEVELOPMENT OF GENERAL PROBLEMS OF BIOLOGY
IN RUSSIA, BY I. YE. AMLINSKIY, 12 PP.

RUSSIAN; PER, ZHUR OBSHCHEY BIOLOGII, VOL. XXIII,
NO 5, 1962, PP 396-400.

JPRS 19357

SCI - BIOL
MAY 63

231,475

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

Effect of Exclusion of Light on Electrical Activity in Cortex and Reticular Formation of Rabbit Brain, by L. A. Novikova, V. I. Belyayev. 5 pp. RUSSIAN, per, Zhurnal Vysshei Nervnoi Deyatel'nosti, Vol 13, No 4, 1963, 715ff p. PASEB

Sci/B&M
Jul 66

303,817

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

THEORETICAL ASPECTS OF THE CHEMICAL PROTECTION OF MAMMALS FROM IONIZING RADIATION, BY E. YA. GRAYEVSKIY, 25 PP.

RUSSIAN, PER, ZHURNAL OBSHCHEY BIOLOGII, VOL XXIV, NO 1, 1963, PP 3-22.

JPRS 18918

SCI - BIOL-MED SCI

MAY 63

228,854

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

ANABIOSIS AND THE GENERAL PROBLEM OF LIFE,
BY A. M. GOLDOVSKIY, 30 PP.

RUSSIAN, PER, ZHURNAL OBSHCHEY BIOLOGII, VOL XXIV,
NO 2, 1963, PP 81-97.

JPRS 19994

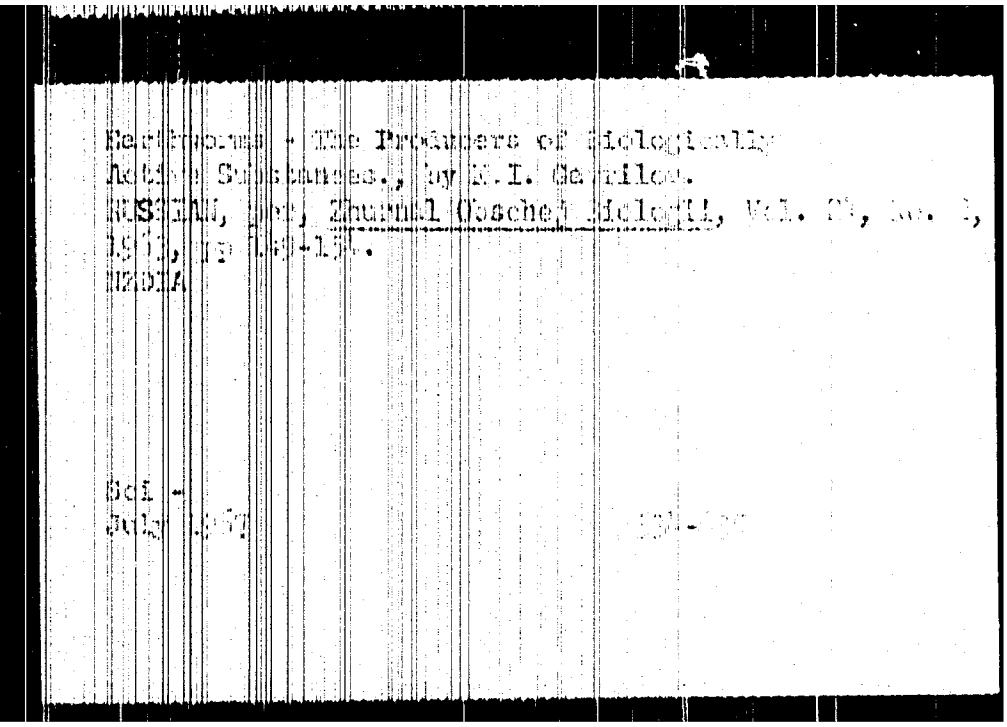
SCI - BIOL/MED SCI

JUL 63

235,226

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

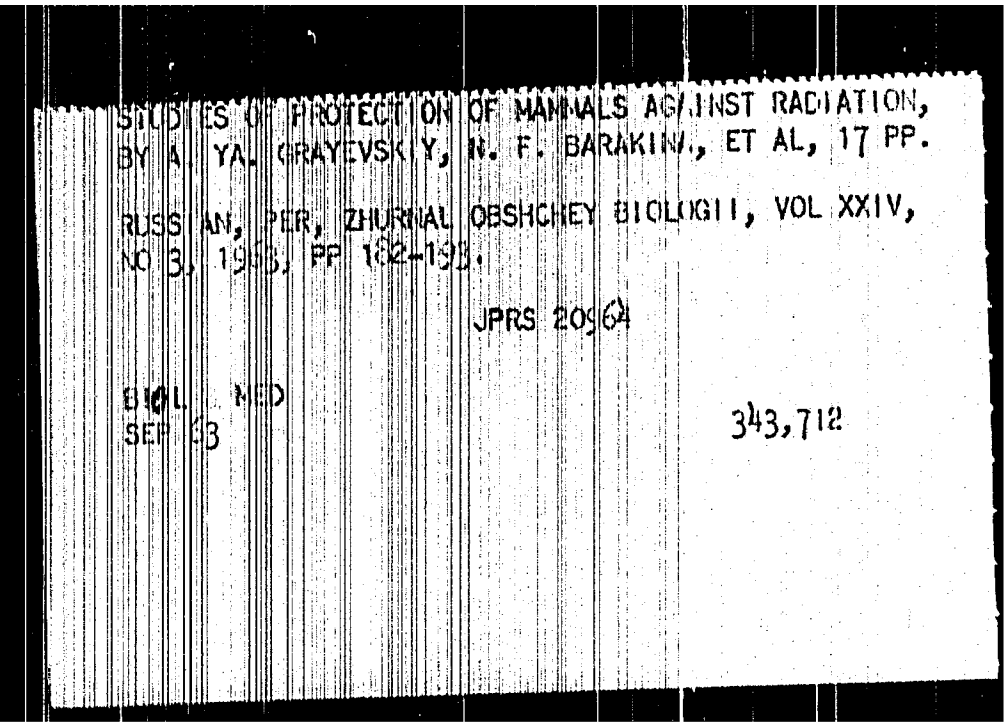


Bel'gorodskaya - The Producers of Biologically Active Substances., by N.I. Gamilov.
[illegible], Izd., Zhurnal Obshchei Biologii, Vol. [illegible], No. 3, 1971, pp 149-154.
MEDIA

Sel -
July 1971

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



STUDIES OF PROTECTION OF MAMMALS AGAINST RADIATION,
BY A. YA. GRAYEVSKIY, N. F. BARAKIN, ET AL, 17 PP.

RUSSIAN, PER, ZHURNAL OBSHCHEY BIOLOGII, VOL XXIV,
NO 3, 1963, PP 182-193.

JPRS 20964

BIOL MED
SEP 63

343,712

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

Regeneration of the Mamalian Brain After Mechanical Damage, by L. N. Belova. 23 pp.
RUSSIAN, per, Zhurnal Obshchei Biologii, Vol 24, No 3, 1963, pp 215-220.
SLA TT-64-19226

Sci/S&M
Jul 66

303,801

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

TEST S INJURY IN MATURE MICE AS A RESULT OF SINGLE AND FRACTIONAL IRRADIATION DURING THE PERIOD OF EMBRYONIC DEVELOPMENT, BY N. N. KUZNETSOVA, 5 PP

RUSSIAN, PER, ZHURNAL OBSHCHEY BIOLOGII, VOL XXIV, NO 3, 1963, PP 221-225.

JPRS 20981

USSR
BIOL
SEP 63

343,240

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

Controversial Problems with Modern Teachings of Regeneration, by A. N. Studitskiy, 27 pp.

RUSSIAN, per: Zhur Obshchey Biologii, Vol XXIV, No 4, Jul-Aug 1963, pp 241-260.

JPRS 22578

Sci-Biol & Med
Jan 64

245, 065

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

INFLUENCE OF CYSTEINE ON CYTOLOGICAL DAMAGE CAUSED BY Co^{60} GAMMA RAYS AND PROTONS DURING THE IRRADIATION OF BARLEY SEED, BY N. I NUZHDIN, R. L. DOZORTSEVA, ET AL, 20 PP.

RUSSIAN, PER, ZHUR OBSHCHEY BIOL, VOL XXIV, NO 4, 1963, PP 261-275

JPRS 22147

SCI-BIOL & MED SCI
DEC 63

243,012

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

MODERN PROBLEMS IN PHYSIOLOGICAL STUDIES OF INSTINCTS, BY A. D. SLONIM, 14 PP.

RUSSIAN, PER, ZHUR OBSHCH BIOL, NO 5, 1963, PP 313-323

JPRS 22230

SCI-BIOL
DEC 63

244,219

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

PROBLEMS OF SYSTEM ORGANIZATION IN THEORETICAL BIOLOGY, BY K. M. KHAYLOV, 11 PP.

RUSSIAN, PER, ZHUR OBSHCH BIOL, NO 5, [illegible] 1963, PP 324-33[illegible].

JPRS 22228

SCI-BIOL
DEC 63

244,217

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

DNA CONSTANCY IN RELATION TO NEW EVIDENCE CONCERNING ITS CONTENT IN ISOLATED NUCLEI OF EMBRYOS OF PEKING AND MUSK DUCKS AND THEIR F1 HYBRIDS, BY YU A. MAGAKYAN, 10 PP.

RUSSIAN, PER, ZHUR OBSHCH BIOL, NO 5, 1963, PP 352-359.

JPRS 22229

SCI-BIOL
DEC 63

244,218

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

S-947/63

On the DNA State in Unfertilized Frogs Eggs, by J. B. Zbarskiy, L. S. Mil'man. ~~(IF-2877)~~

RUSSIAN, per, Zhurnal Obshchey Biologii, Vol XXIV, No 5, 1963, pp 380-381.

*JPRS

Sci - Biol & Med Sci
Oct 63

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

Cytological Analysis of the Radiosensitivity of Similar Tissues in Different Species of Mammals, by G. A. Chudinovskaya, O. N. Kitayeva, p13 pp.

RUSSIAN, per, Zhur Obsh Biol, Vol XXIV, No 6, 1963, pp 435–444.

JPRS 12778

Sci-Biol & Med

Jan 64

247, 079

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

Natural Radiommeric and Its Effect on Various Biological
[redacted] Objects and Skystems, by Yu. B. Kudryashov, G. I. Gasanov, et al., 19 pp.
RUSSIAN, par, Zhur [redacted] Obshch Biolog, Vol XXV, No 1, 1964, pp 3-16.

JPRS 23516-07

Sc.-Med
Mar 64

251,517

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

A Few Comments on the Problem of Systemic Organization in Theoretical Biology, by B. G. Iogansen, 5 pp. RUSSIAN, per, Zhur Obshch Biolog, Vol XXV, No 1, 1964, pp 18-21.

JPRS 23514

Sci-Med
Mar 64

251,518

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

Synthesis of Mediators of the Sympathetic Nervous System and Pigmentation in the Ontogenesis of Vertebrates, by N. S. Smitten, RUSSIAN, per. Zh. Obshch. Biol., Vol XXV, No 1, 1964, pp 51-61.
NASA TT F-10,952

Sci-B&M
Jul 67

332,887

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

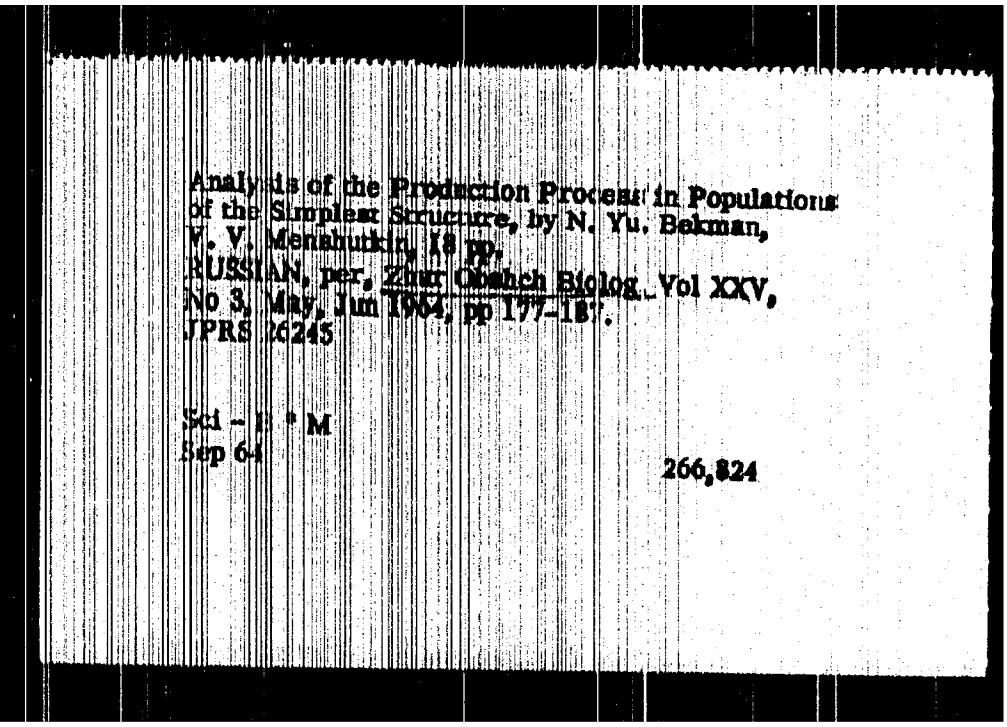
Comparative Study of the Radiosensitivity of Genetically Different Strains of Animals and Their Hybrids, by I. S. Kurnishkov, 6 pp.
RUSSIAN, per, Zhur Obshch Biolog, Vol XXV, No 2, Mar-Apr 1964, pp 141-144.
JPRS: 24803

Sci-Biol
Jun 64

2601,427

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



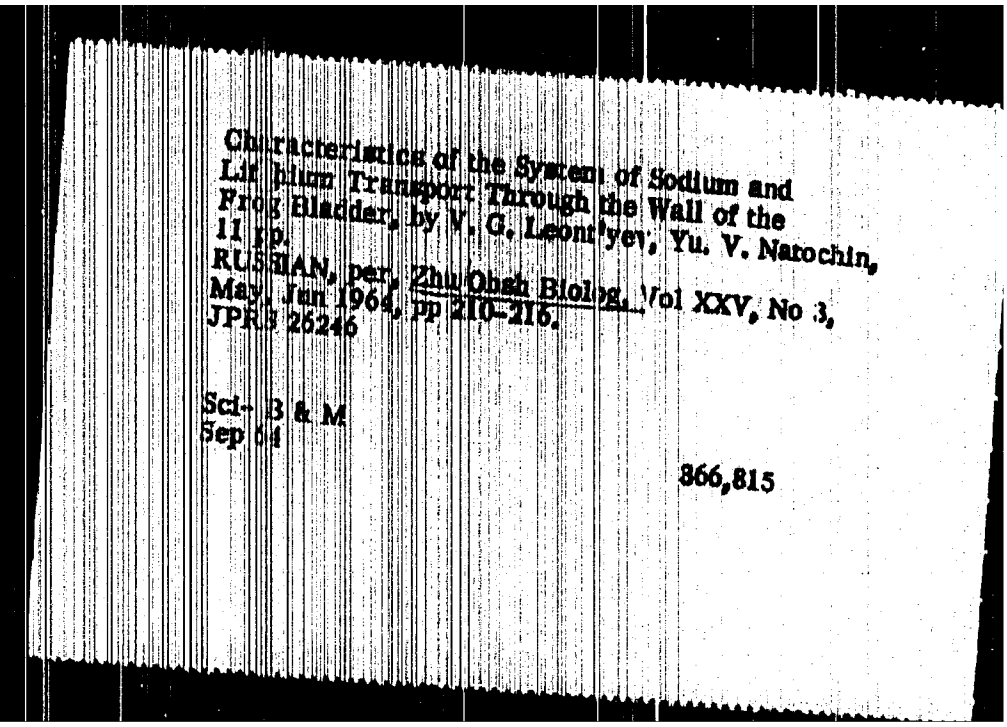
Analysis of the Production Process in Populations of the Simplest Structure, by N. Yu. Bekman, V. V. Menshutkin, 18 pp.
RUSSIAN, per. Zhur Obshch Biolog., Vol XXV, No 3, May, Jun 1964, pp 177-187.
JPRS 26245

Sci - [illegible] M
Sep 64

266,824

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



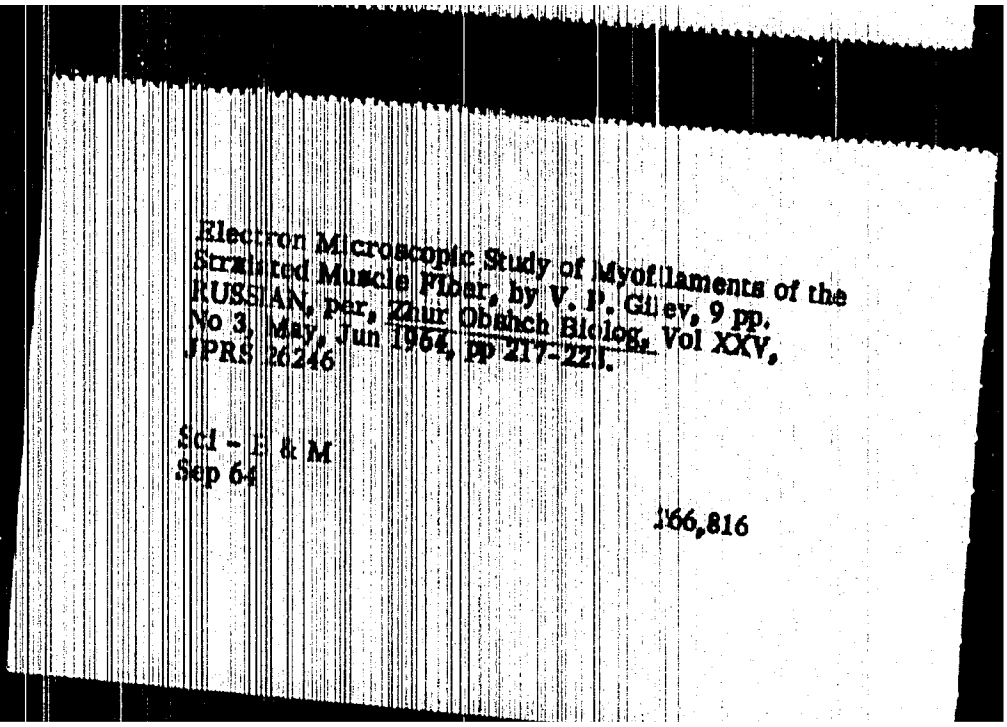
Characteristics of the System of Sodium and Lithium Transport Through the Wall of the Frog Bladder, by V. G. Leont'yev, Yu. V. Narochin, 11 pp.
RUSSIAN, per, Zhur Obsh Biol, Vol XXV, No 3, May Jun 1964, pp 210-216.
JPRS 26246

Sci- B & M
Sep 64

366,815

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



Electron Microscopic Study of Myofilaments of the Striated Muscle Fiber, by V. P. Gilev, 9 pp. RUSSIAN, Per, Zhur Obshch Biolog, Vol XXV, No 3, May-Jun 1964, pp 217-221.
JPRS 26246

Scl - I & M
Sep 64

166,816

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

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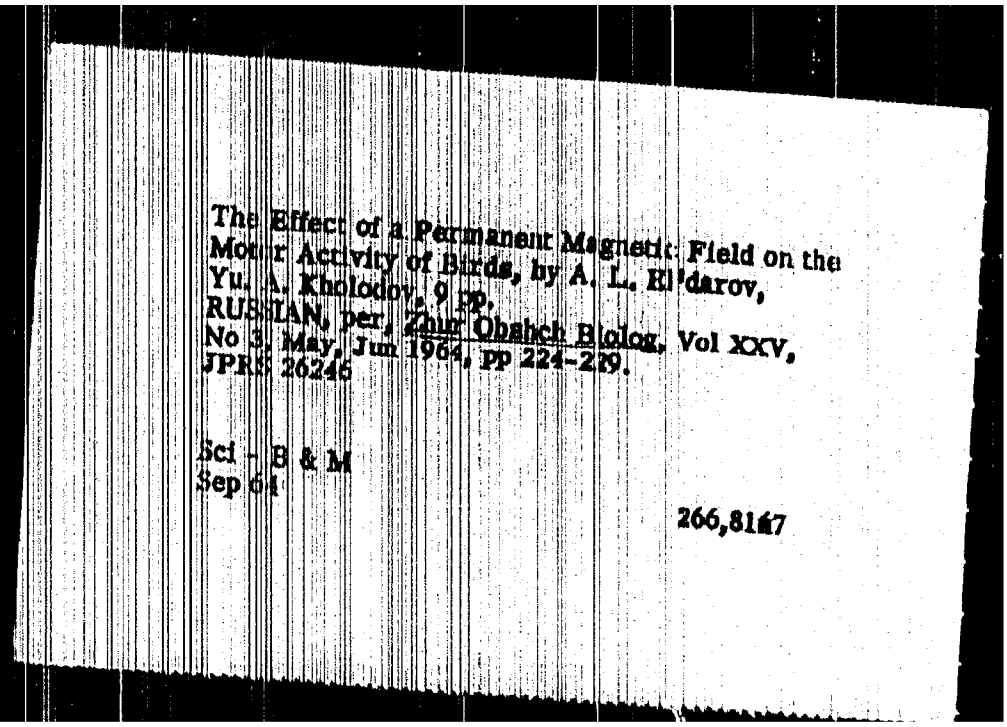

The Effect of a Permanent Magnetic Field on the Motor Activity of Birds, by A. L. El'darov, Yu. A. Kholodov, 9 pp,
RUSSIAN, per, Zhur Obshch Biolog, Vol XXV, No 3, May, Jun 1964, pp 224-229.
JPRS: 26246

Sci - B & M
Sep 64

266,8167

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

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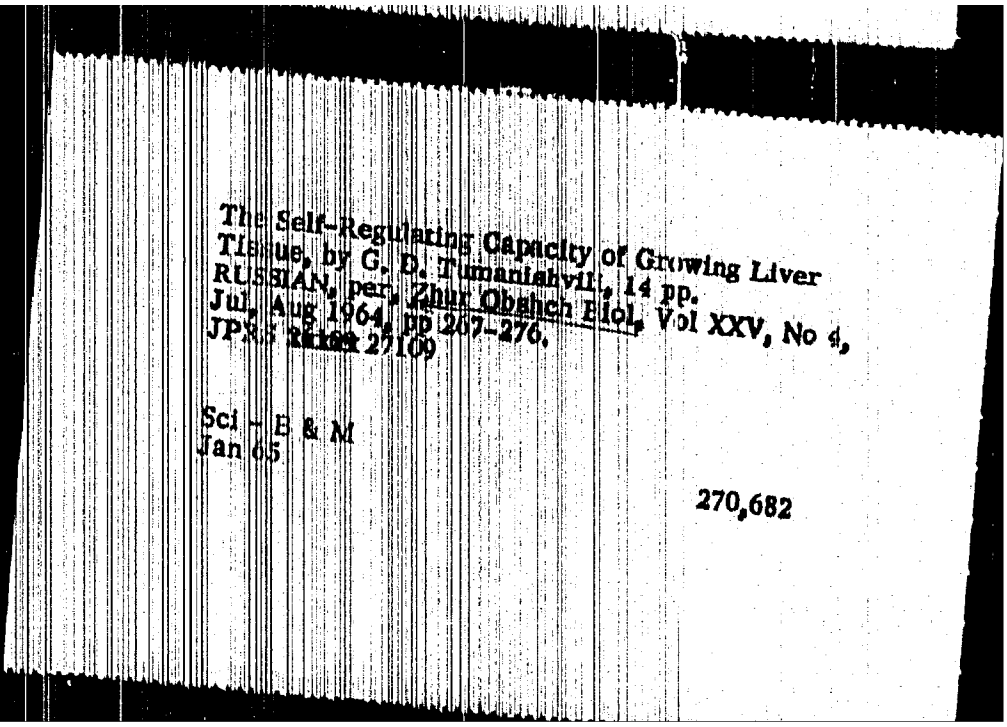


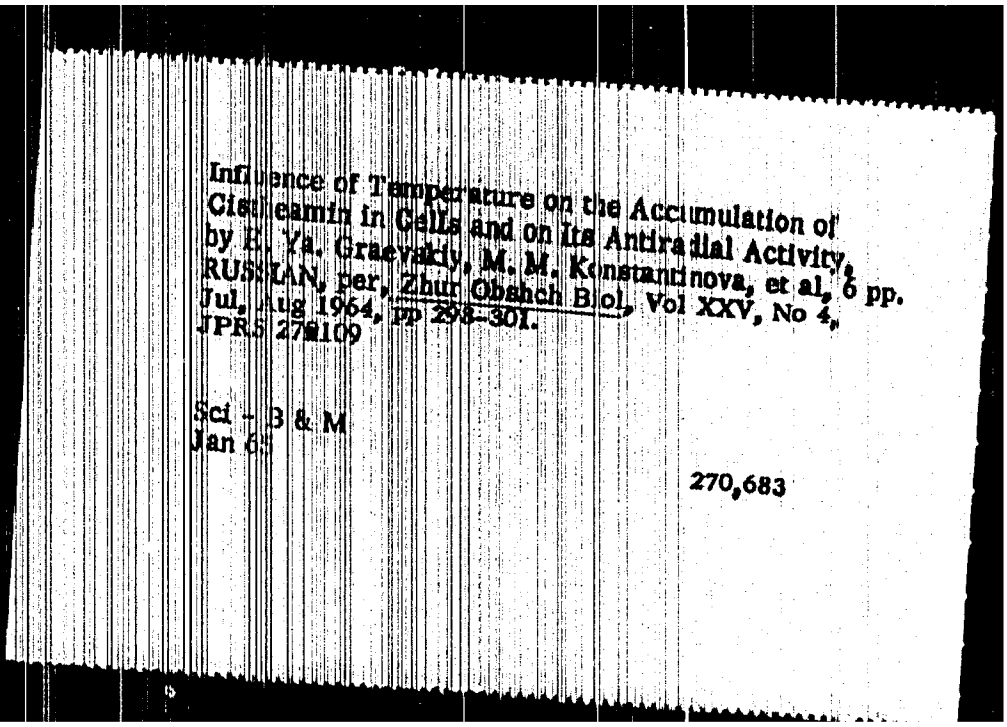
The Self-Regulating Capacity of Growing Liver Tissue, by G. D. Tumanishvili, 14 pp. RUSSIAN, per. Zhur Obshch Biol, Vol XXV, No 4, Jul, Aug 1964, pp 267-276.
JPRS 27109

Sci - E & M
Jan 65

270,682

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



Influence of Temperature on the Accumulation of Cieti eamin in Cells and on its Antiradial Activity, by E. Ya. Graevskiy, M. M. Konstantinova, et al, 6 pp. RUSSIAN, per, Zhur Obshch Biol, Vol XXV, No 4, Jul, Aug 1964, pp 298-301. JPRS 27#109

Sci - B & M
Jan 6[illegible]

270,683

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

Relative Biological Effectiveness of Protons With Energy of 660 Mev., by M. D. Pomerantseva, L. K. Ramiya, 13 pp.
RUSSIAN, per, Zhur Obshch Biol, Vol XXV, No 4, Jul, Aug 1964, pp 302-310.
JPRS 27109

Sci - B &M
Jan 65

270,684

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

S-1212/64

(SF-3457)

Messenger RNA in Early Embryogenesis, by A. S. Spirin, N. V. Belitsina. (AP-147173)

RUSSIAN, per, Zhur Obsh Biol, Vol XXV, No 5, 1964, pp 321-337.

*JPRS 27864

Sci - Biol & Med Sci
Oct 64

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

Autoradiographic Investigations of Nuclei of Root Meristem of Germinating Pea Seeds With The Application of H^3 - Thymidine, by/
Yu. P. Kopilov, A. B. Iordanskiy. 9 pp.
RUSSIAN, xxx, Zhurnal Obshchei Biologii, Vol 25, No 5, 1964, pp 357-367.
CFSTI TT 64-50418

sci/ [illegible]
Sept 69

389,813

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

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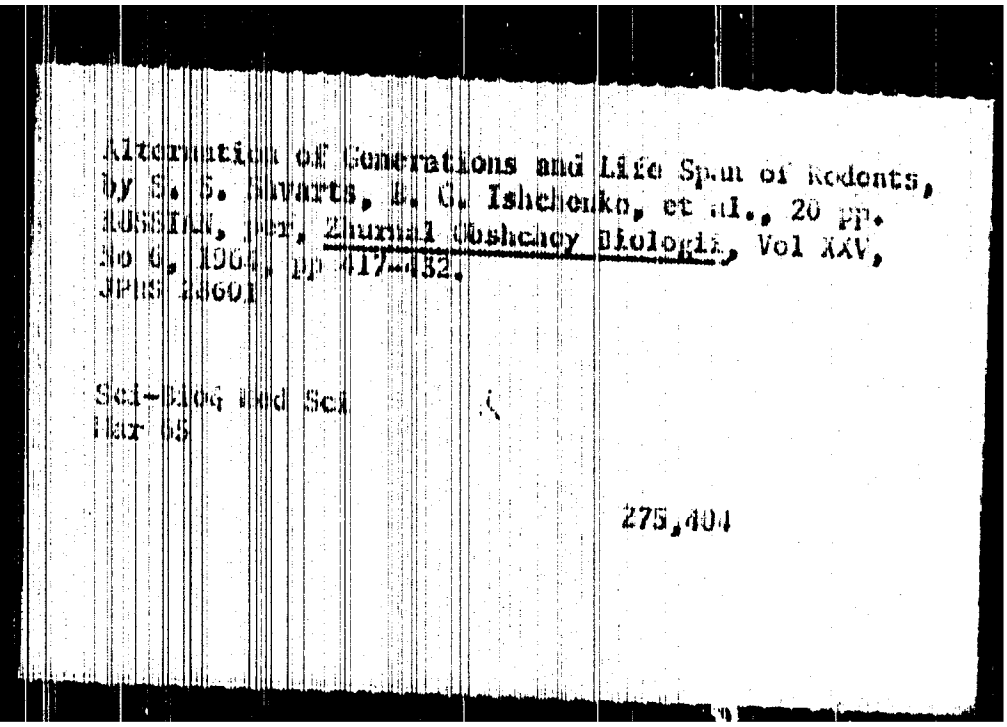

Alternation of Generations and Life Span of Rodents,
by S. S. Shvarts, B. G. Ishchenko, et al., 20 pp.
AUSSR, Per. Zhurnal Obshchey Biologii, Vol XXV,
No 6, 1964, pp 417-432.
AFSR 24601

Sci-Biog Ind Sci
Mar 65

275,404

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

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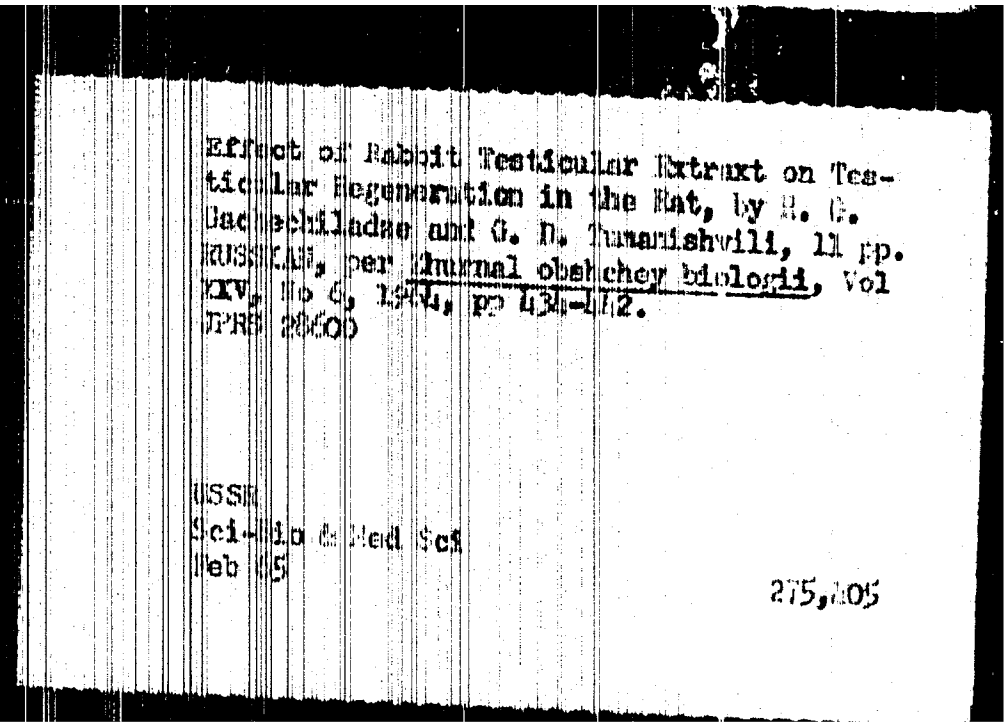

Effect of Rabbit Testicular Extract on Testicular Regeneration in the Rat, by R. G. Dadiani-Shilladze and G. N. Tumanishvili, 11 pp. RUSSIAN, per Zhurnal obshchey biologii, Vol XV, No 6, 1954, pp 431-442. JPRS 2860

USSR
Sci-Tech & Med Sci
Feb 55

275,105

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

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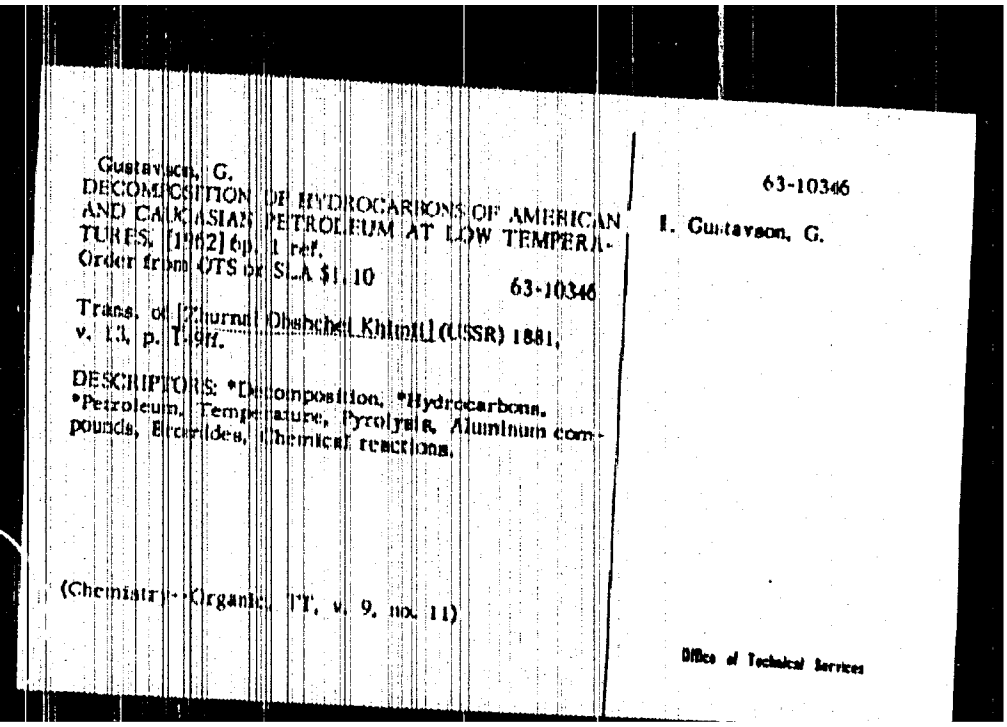


Gustavson, G.
DECOMPOSITION OF HYDROCARBONS OF AMERICAN AND CAUCASIAN PETROLEUM AT LOW TEMPERATURES. [1962] 6p. 1 ref.
Order from OTS for $1.A $1.10 63-10346

Trans. of [Zhurnal Obshchei Khimii (USSR) 1881, v. 13, p. 1-9H.

DESCRIPTORS: *Decomposition, *Hydrocarbons, *Petroleum, Temperature, Pyrolysis, Aluminum compounds, Bromides, Chemical reactions.

(Chemistry--Organic, TT, v. 9, no. 11)

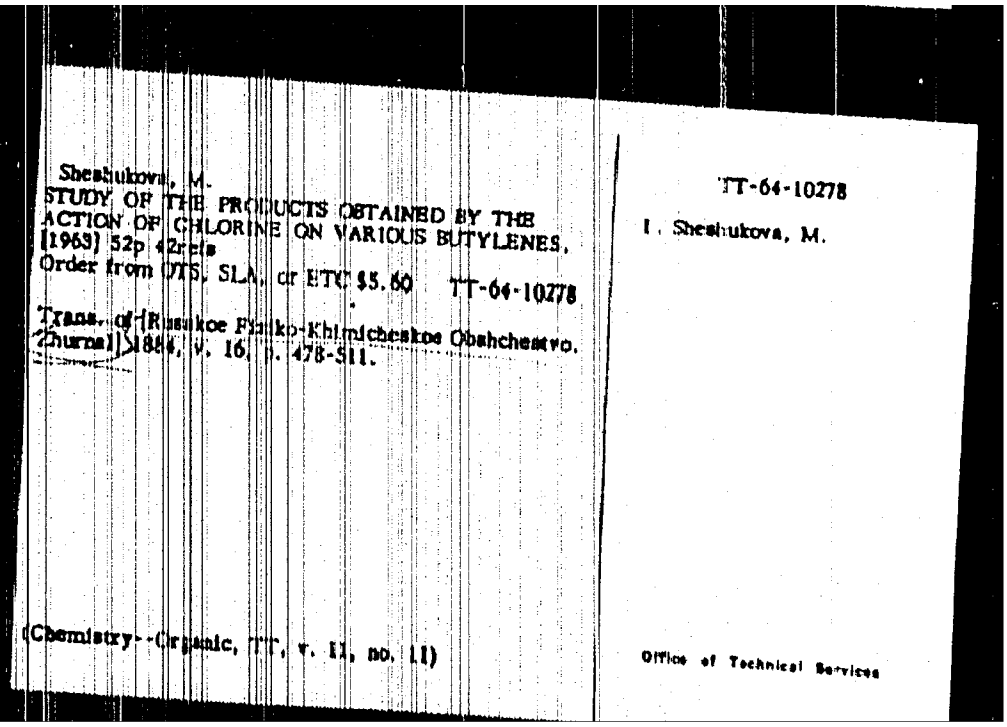
63-10346

I. Gustavson, G.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



Sheshukova, M.
STUDY OF THE PRODUCTS OBTAINED BY THE ACTION OF CHLORINE ON VARIOUS BUTYLENES.
[1963] 52p 42refs
Order from OTS, SLA, or ETC $5.60 TT-64-10278

Trans. of [Russkoe Fiziko-Khimicheskoe Obshchestvo. Zhurnal] 1884, v. 16, p. 478-511.

(Chemistry--Organic, TT, v. II, no. 11)

TT-64-10278

I. Sheshukova, M.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

Smirnov, F. V.
THE ADDITION OF HYPOCHLOROUS ACID TO ALLENE HYDROCARBONS, I. [1961] 15p. 11 refs.
Order from ES $13.00

Trans. [Zhurnal Obshchei Khimii (USSR) 1903] v. 35, p. 854-872.

DESCRIPTORS: *Allenes, *Hypochlorous acid, Chemical reactions.

(Unannounced)

61-25130

I. Smirnov, F. V.
II. Stux, Erica, Akron, Ohio

184183

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

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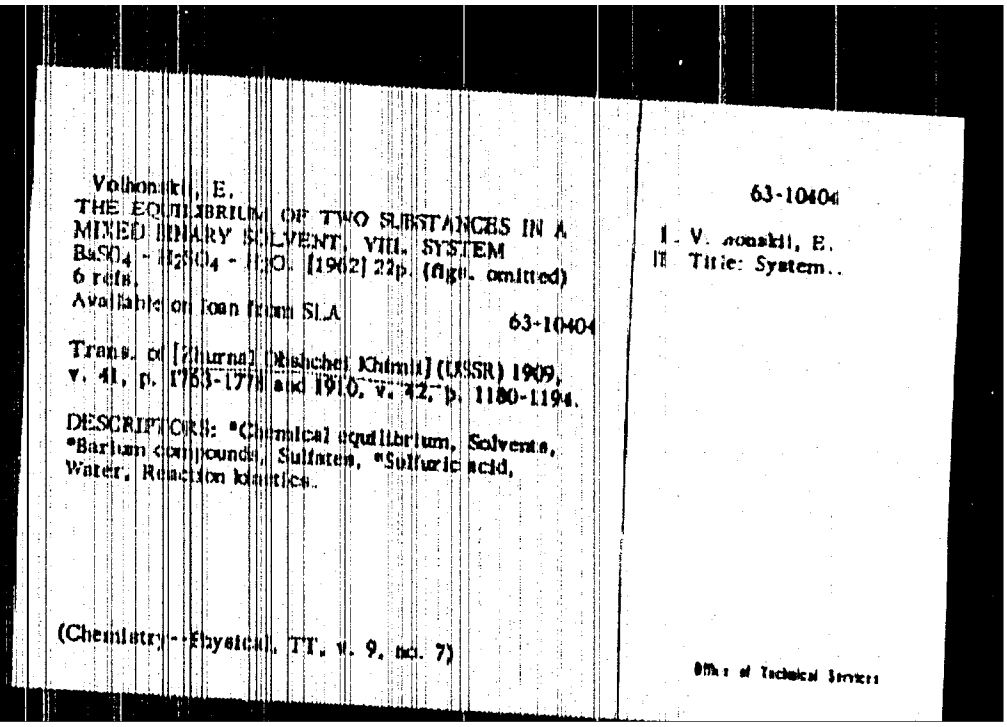


Volhonskii, E.
THE EQUILIBRIUM OF TWO SUBSTANCES IN A MIXED BINARY SOLVENT. VIII. SYSTEM $BaSO_4$ - H_2SO_4 - H_2O. [1962] 22p. (figs. omitted)
6 refs.
Available on loan from SLA 63-10404

Trans. of [Zhurnal Prikladnoi Khimii] (USSR) 1909, v. 41, p. 1753-1771 and 1910, v. 42, p. 1180-1194.

DESCRIPTORS: *Chemical equilibrium, Solvents, *Barium <compounds>, Sulfates, *Sulfuric acid, Water, Reaction kinetics.

(Chemistry - Physical), TT, v. 9, no. 7)

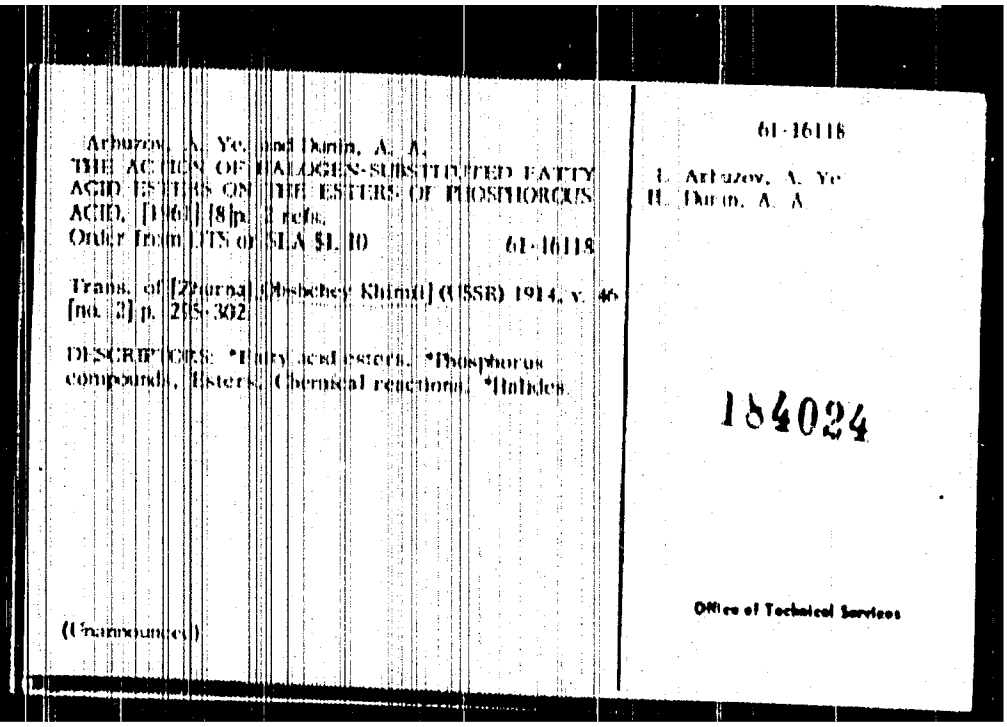
63-10404

I. V. Volhonskii, E.
II Title: System..

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



Arbuzov, A. Ye. and Durin, A. A.
THE ACTION OF HALOGEN-SUBSTITUTED FATTY ACID ESTERS ON THE ESTERS OF PHOSPHOROUS ACID. [1960] 8p. 2 refs.
Order from: ITS at SLA $1.10 61-16118

Trans. of [Zhurnal Obshchey Khimii] (USSR) 1914, v. 46 [no. 2] p. 295-302

DESCRIPTORS: *Fatty acid esters, *Phosphorus compounds, Esters, Chemical reactions, *Halides

(Unannounced)

61-16118

I. Arbuzov, A. Ye
II. Durin, A. A

184024

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

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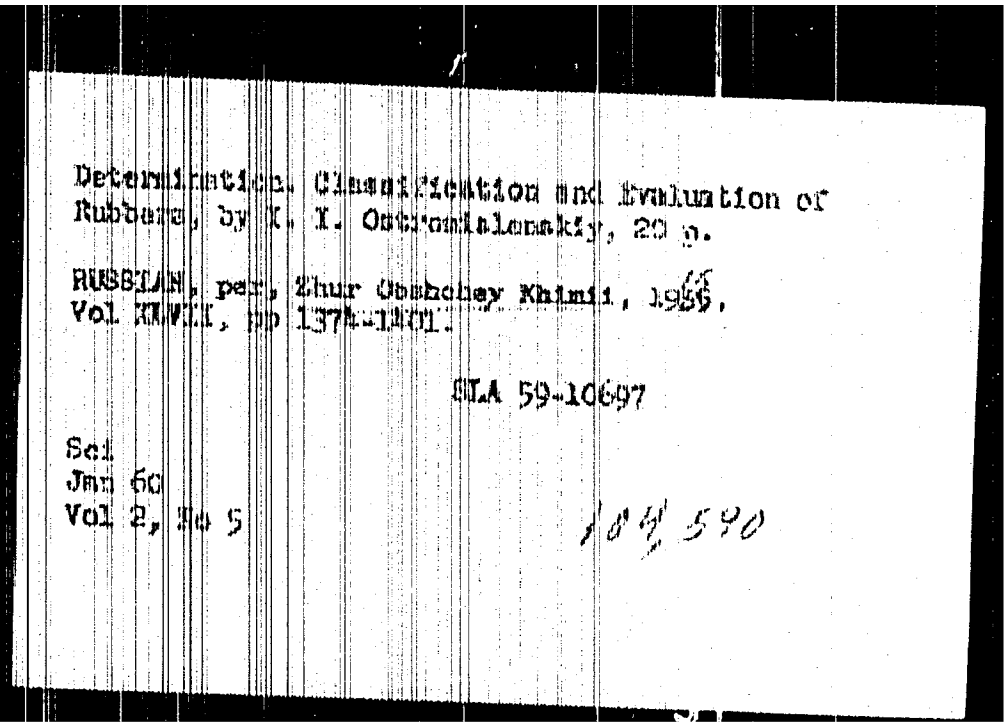


Determination, Classification and Evaluation of Rubbers, by K. I. Ostromislenskiy, 20 p.

RUSSIAN, per., Zhur Obshchey Khimii, 1956, Vol XXVIII, pp 1374-1391.

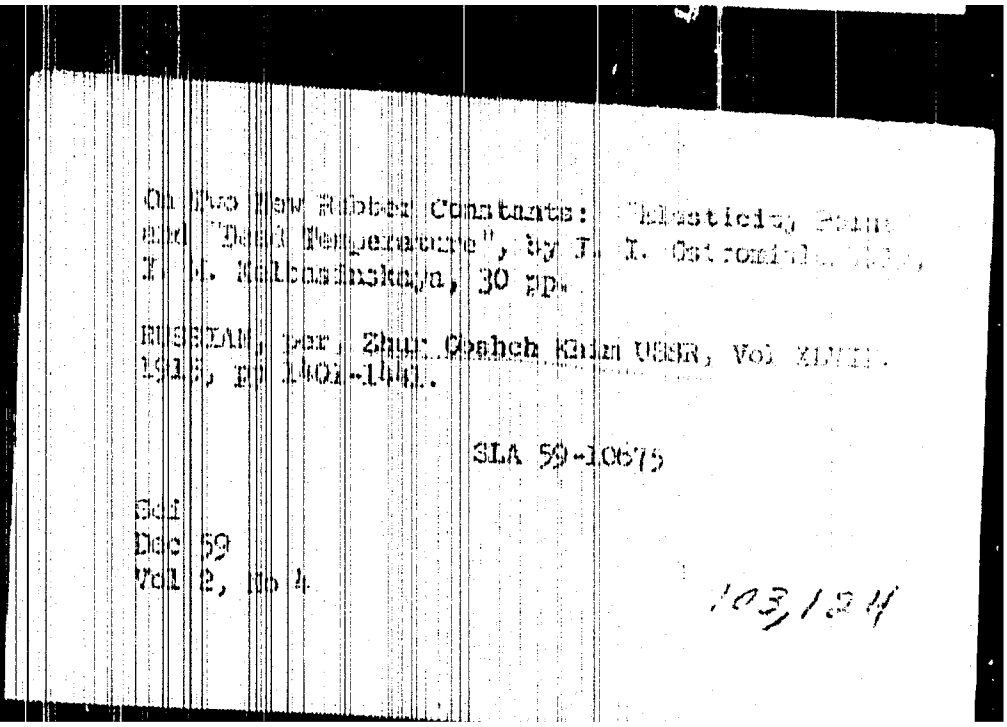
STA 59-10697

Sel
Jan 60
Vol 2, No 5

104590

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



On Two New Rubber Constants: "Elasticity Plus and "Data Temperature", by I. I. Ostromisl[illegible], I. L. Kalnanskaya, 30 pp.

RUSSIAN, per, Zhur. Obshch Khim USSR, Vol XIVIII, 1938, pp 1401-1411.

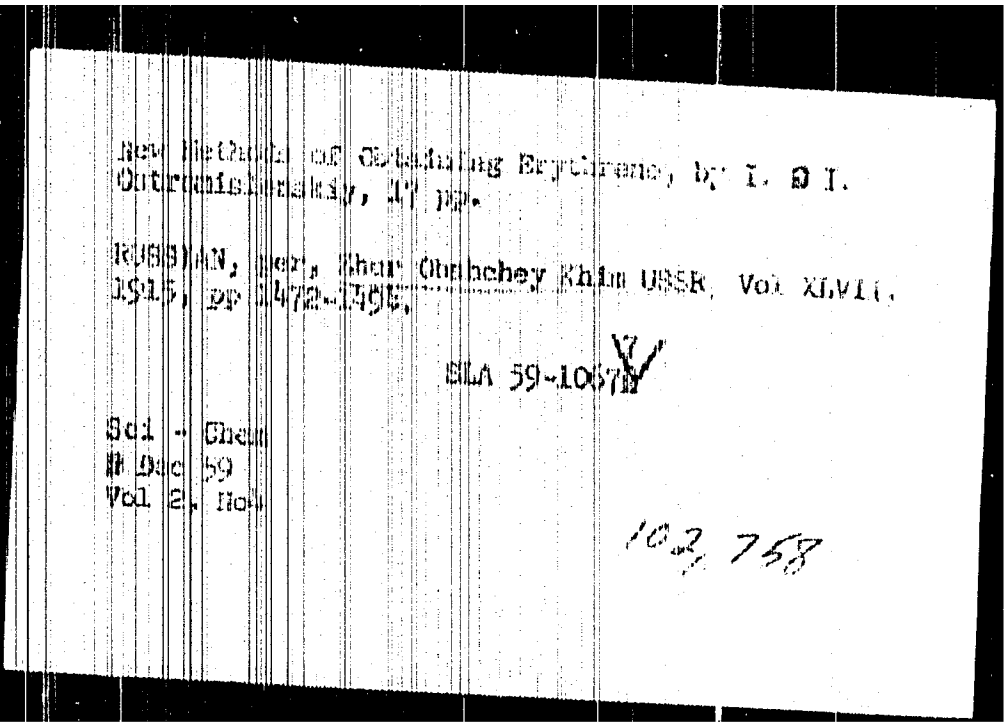
SLA 59-10675

Sci
Dec 59
Vol 2, No 4

103134

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7



New Methods of Obtaining Explosives, by I. D I.
Ostromislenskiy, 10 pp.

RUBBER, Zhur. Obshchey Khim USSR, Vol XLVII,
1915, pp 1472-1486.

SLA 59-10678

Sci - Chem
8 Dec 59
Vol 2, No1

103 758

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

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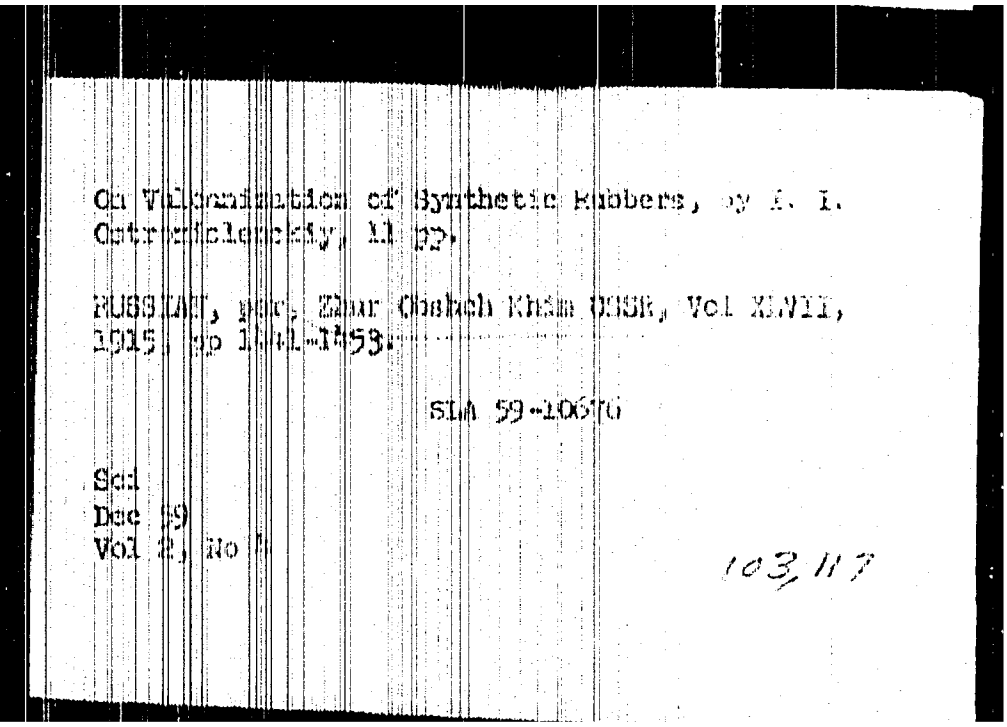

On Vulcanization of Synthetic Rubbers, by L. I. Ostrovskaya, 11 pp.

RUBBER, prep. Zhur Obshch Khim USSR, Vol XXVII, 1957, pp 1441-1453.

SLA 59-10670

Sci
Dec 59
Vol 2, No 1

103117

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

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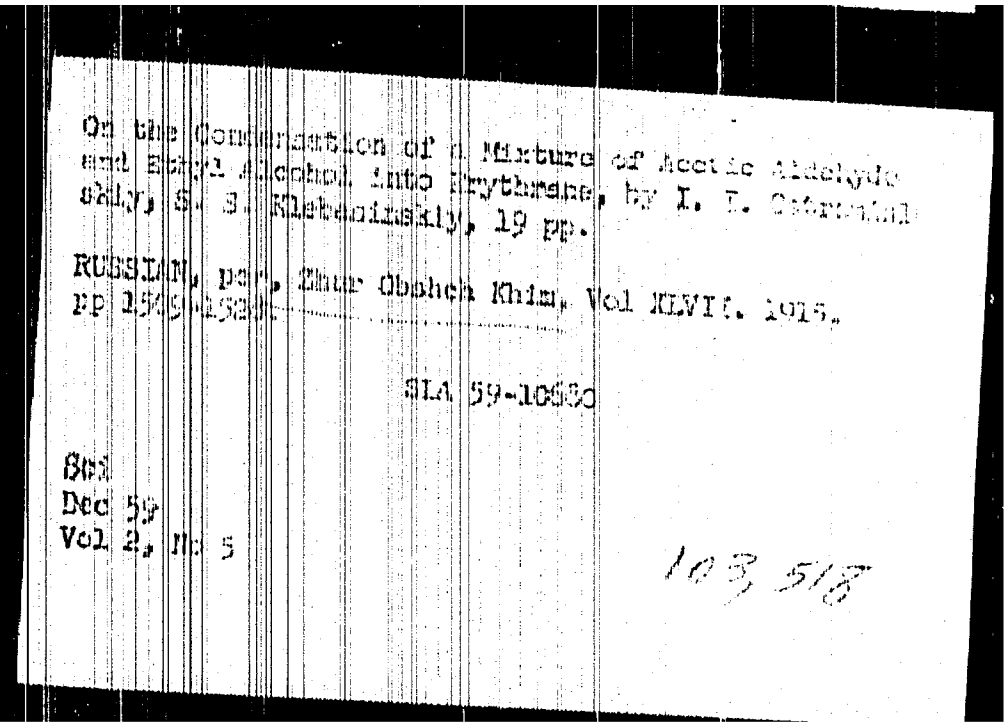

On the Condensation of a Mixture of Acetic Aldehyde and Ethyl Alcohol into Erythrene, by I. I. Ostromisl
skiy, S. S. Klebanskiy, 19 pp.

RUSSIAN, pub. Zhur Obshch Khim, Vol XLVII, 1915,
pp 1563-1582

SLA 59-10880

Sci
Dec 59
Vol 2, No 5

103 518

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

On the Condensation of Alcohols and Aldehydes in Presence of Water-Eliminating Substances and on the Mechanism of This Process, by I. I. Ostromislenskiy, 9 pp.

RUSSIAN, Zhur. Obshchey Khim SSSR, Vol XLVII, 1915, pp 1504-1505.

BLA 59-10578

Sci - Chem
Dec 59
Vol 2, No 4

102,759

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

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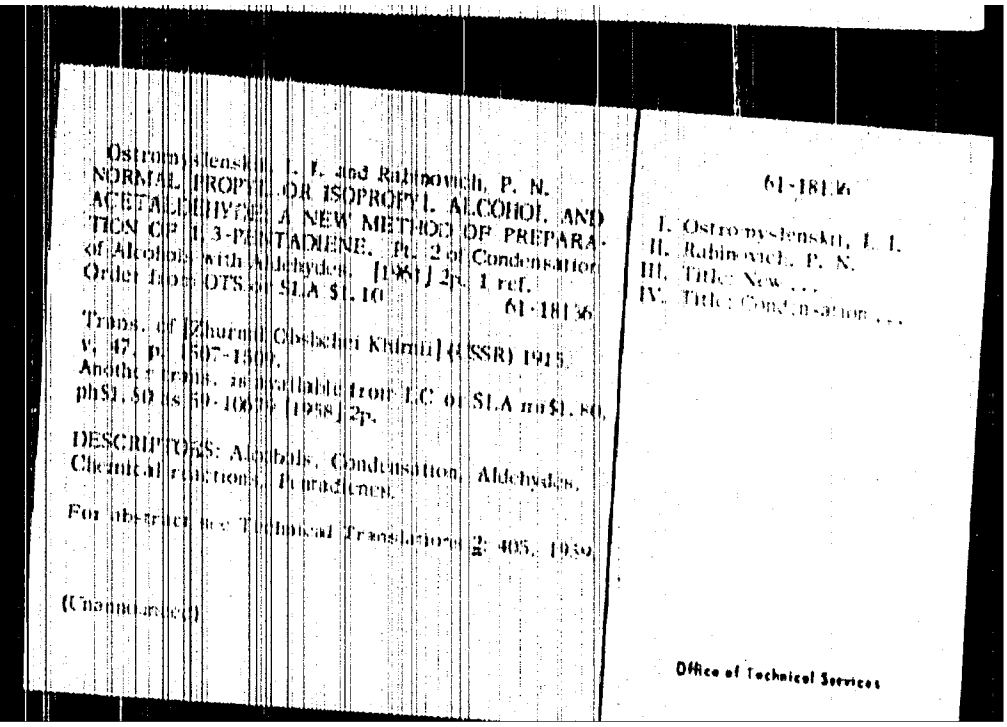

Ostromyslenskii, I. I. and Rabinovich, P. N.
NORMAL PROPYL OR ISOPROPYL ALCOHOL AND ACETALDEHYDE; A NEW METHOD OF PREPARATION OF 1,3-PENTADIENE. Pt. 2 of Condensation of Alcohols with Aldehydes. [1951] 2p. 1 ref.
Order No. OTS 61-18136 SLA $1.10

61-18136

I. Ostromyslenskii, I. I.
II. Rabinovich, P. N.
III. Title: New ...
IV. Title: Condensation ...

Trans. of [Zhurnal Obshchei Khimii] (USSR) 1915. v. 47, p. 507-510.
Another trans. available from LC 61 SLA no $1.80, ph $1.50 as 60-10077 [1958] 2p.

DESCRIPTORS: Alcohols, Condensation, Aldehydes, Chemical reactions, Hydrocarbons.

For abstract see Technical Translations 2: 405, 1959.

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Office of Technical Services

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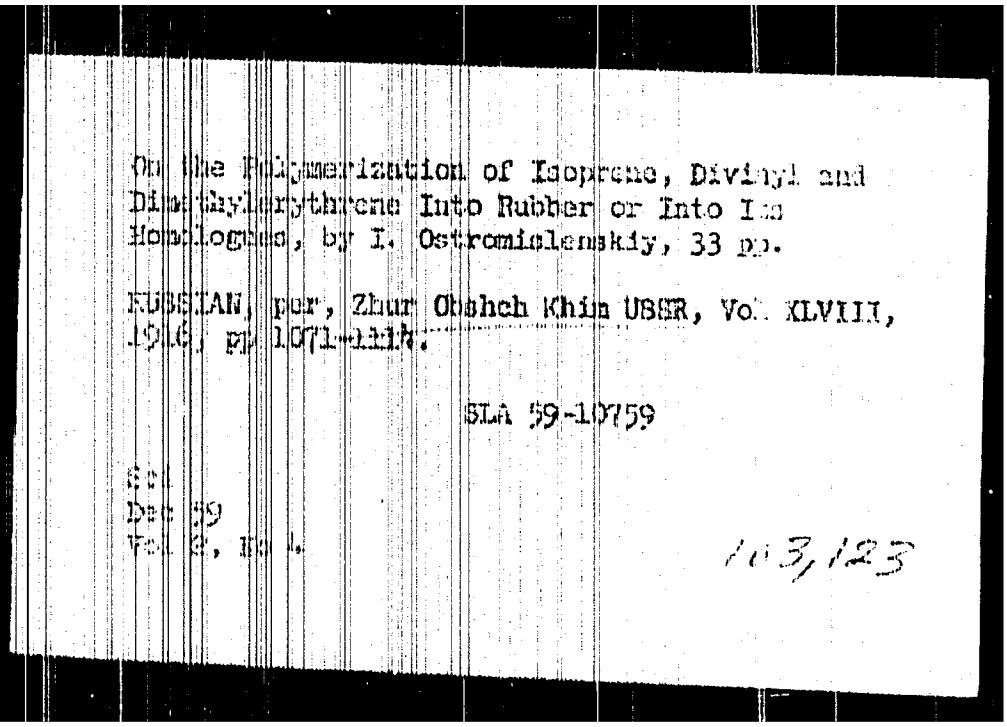

On the Polymerization of Isoprene, Divinyl and Dimethylerythrene Into Rubber or Into Im Homologues, by I. Ostromislenskiy, 33 pp.

RUSSIAN, per, Zhur Obshch Khim USSR, Vol. XLVIII, 1916, pp 1071-1111.

SLA 59-10759

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Dec 59
Vol 2, No 1.

103,123

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660069-7

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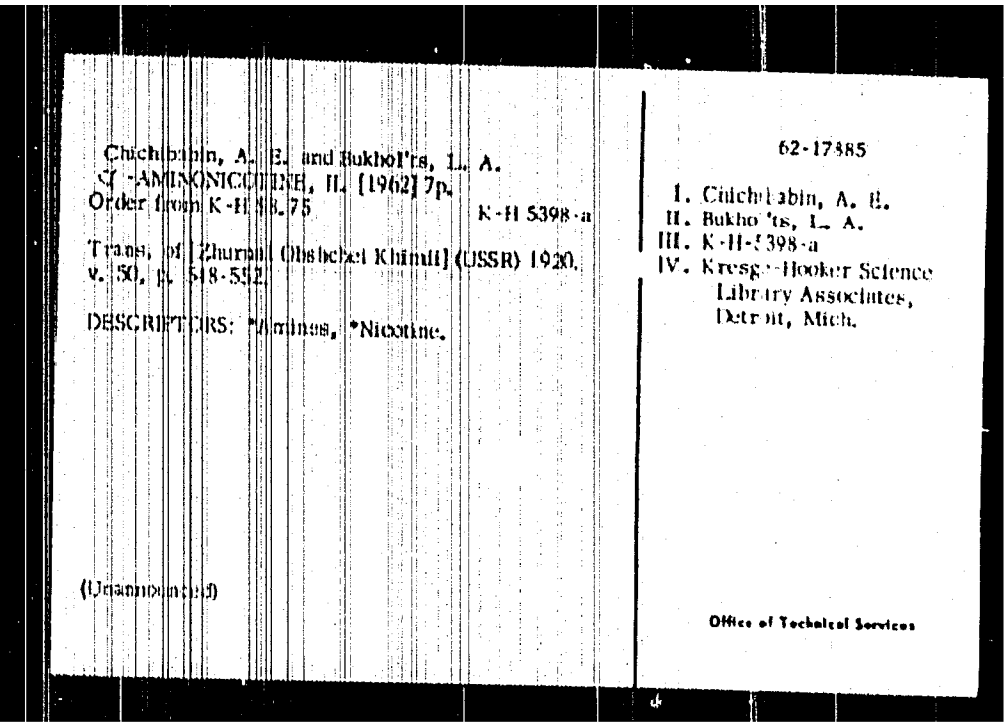

Chichibabin, A. E. and Bukhot'ts, L. A.
[3-AMINONICOTINE, II.] [1962] 7p.
Order from K-H 5398.75 K-H 5398-a

Trans. of [Zhurnal Obshchei Khimii] (USSR) 1920, v. 50, p. 548-552.

DESCRIPTORS: *Amines, *Nicotine.

(Unannotated)

62-17385

I. Chichibabin, A. E.
II. Bukhot'ts, L. A.
III. K-H-5398-a
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

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